

AIESL CAP/03



AI ENGINEERING SERVICES LIMITED

CAPABILITY LIST

APPROVED BY
DGCA
GOVERNMENT OF INDIA

AIESL CAP/03



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Vide letter no. F-APP/AIESL/2820, Dated: 29/12/2014

ISSUED BY
CHIEF EXECUTIVE OFFICER
AI ENGINEERING SERVICES LIMITED

ISSUE 2 REV 3, 31 MAR 2022


Effective Date: 07 APR 2022

AIESL CAP/03



AI ENGINEERING SERVICES LIMITED
CAPABILITY LIST

**PART 0
GENERAL**

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			PART 0		SECTION 0.1
	PREAMBLE		Issue-2	Rev-0	01 DEC 2020

0.1 PREAMBLE

AI Engineering Services Limited (AIESL) formerly known as Air India Engineering Services Limited (AIESL), Capability List designated as Document Reference No. AIESL CAP/03 has been approved by DGCA.

The Capability List includes Aircraft maintenance: Base & Line, Engine & APU maintenance, Component Maintenance and Specialized Services w.r.t. the following aircraft fleet and related resources and facilities:

AIRBUS	A319
AIRBUS	A320
AIRBUS	A321
AIRBUS	A330
BOEING	B737-200
ATR	42-320
ATR	72-212A (600 version)
BOMBARDIER	CRJ700

The components listed in the capability list are authorized to be maintained/tested/overhauled/repared and returned to service by AIESL.

In order to facilitate maintenance of updated Capability List, the same shall comprise of the following seven parts:

Part 0: General

Part 1: Northern Region

Part 2: Western Region

Part 3: Eastern Region

Part 4: Southern Region

Part 5: JEOC, New Delhi

Part 6: APU Centre, Kolkata


Each Part may be further divided into various sections depending upon its activity centres.

The level of Maintenance defined in the Capability List shall be as per the AIESL MOE.

Each page of the capability list shall be identified by the Part, Section, Issue No., Rev. No. and Rev. date on the right hand side of the header and the section and page reference at the centre of the footer.


When the main Part No. of a component branches into several dash numbers, the main part no. may be listed with the term- series or XX, as the case may be in the reference document. Due to change of vendor if Part no. is changed without any change in CMM content then capability shall not be affected.

Procedure for enhancement/amendment to this capability list has been described in the AIESL MOE, Part 1, Section 1.9. Capability List is distributed as per the distribution list in AIESL MOE Part 0, Section 0.8.


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0.3 RECORD OF REVISIONS

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Issue 1	Rev 0	01 NOV 2014
	Rev 1	25 MAR 2015
	Rev 2	26 OCT 2015
	Rev 3	07 DEC 2015
	Rev 4	15 DEC 2015
	Rev 5	11 JAN 2016
	Rev 6	19 FEB 2016
	Rev 7	13 JUN 2016
	Rev 8	30 DEC 2016
	Rev 9	02 MAY 2017
	Rev 10	09 NOV 2017
	Rev 11	04 MAY 2018
	Rev 12	15 NOV 2018
	Rev 13	10 JAN 2019
	Rev 14	01 JUL 2019
	Rev 15	31 JAN 2020
	Rev 16	11 JUN 2020
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0.4 HISTORY OF REVISIONS


ISSUE NO.	REV. NO.	DATE OF REVISION	EFFECTIVE DATE	BRIEF DESCRIPTION OF CHANGES
Issue 1	Rev 0	01 NOV 2014	01 JAN 2015	Initial issue
Issue 1	Rev 1	25 MAR 2015	31 MAR 2015	ATEC Shop, NR capability updated
Issue 1	Rev 2	26 OCT 2015	10 NOV 2015	<ol style="list-style-type: none"> 1. Following changes made in Section 3.6 Radio Overhaul Shop, Kolkata: <ol style="list-style-type: none"> a. Page 3.6-1 and 2: Item 8, 14 and 15 deleted as same items were repeated erroneously. b. Page 3.6-1: Item 9 typo error corrected. c. Page 3.6-2: Item 15 Audio Management Unit and Item 16 Audio Mixer Unit added. 2. Following changes made in Section 4.6 Accessories Overhaul Shop, Hyderabad: <ol style="list-style-type: none"> Page 4.6-4: Item 9 Main Wheel Assy and Item 10 Nose Wheel Assy added. 3. Following changes made in Section 4.9 Instrument Overhaul Shop, Hyderabad: <ol style="list-style-type: none"> Page 4.9-10: Item 5 Liquid Level Sensor and Item 6 Liquid Level Transmitter added. 4. ATR 72-212A(600 Version) added in Section 0.1 page 1, 0.2 page 1 & 3, 5. In Section 7.2 after adding ATR 72 at Mumbai and Hyderabad pages shifted, hence page 3 is added. All 3 pages are revised in this section.
Issue 1	Rev 3	07 DEC 2015		Durgapur Station is added in section 3.2.
Issue 1	Rev 4	15 DEC 2015		<ol style="list-style-type: none"> 1. Section 3.2 6 years is replaced with 12 years. 2. Section 7.2 ATR 72 capability upto 1A check added at Kolkata.
Issue 1	Rev 5	11 JAN 2016		<ol style="list-style-type: none"> 1. Section 7.2 Station Gorakhpur added as outstation for ATR aircraft. 2. Section 2.6 page 5 – ELT part Number modified, SVDU & ICMT added. 3. Section 2.6 page 8 MMR is added. 4. Section 2.5 page 7 REGULATOR ASSEMBLY P/N: RMC 2027 & RMC 2127-3 added.
Issue 1	Rev 6	19 FEB 2016		In Section 7.2 Note (1) Scope of approval of CRJ 700 aircraft has been enhanced to carry out inspection up to 4C check.
Issue 1	Rev 7	13 JUN 2016	30 JUL 2016	<ol style="list-style-type: none"> 1. Section 1.3 CMM reference updated on page 8, 13, 18, 22 and C Duct Manifold P/N corrected to 3282982 – Series

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				<p>2. Section 1.5 REGULARTOR TRANSMITTER RCF 67 SERIES, OIL QTY. TX. P/N 76-167-Series, S.S.F.D.R P/N 2100-Series updated</p> <p>3. Section 1.6 SSCVR 2100 SERIES updated</p> <p>4. Section 2.1 C2, C8 & C19 rating deleted.</p> <p>5. Section 2.3 GROUND REFRIGERATION UNIT P/N 786A03 AND NLG WHEEL ASSY P/N 3-1531/-X deleted</p> <p>6. Section 2.4 CONTROLLER TEMP APU & PACK DEMAND P/N 617924-3, CONTROLLER PNEUMATIC SYSTEM, P/N 627248-1/2,TIMER ASSY 14302-211, MOTOR PUMP FILTER ASSY, 14312-020-1/2 deleted.</p> <p>7. Section 2.5, DFDR P/N 981-6009-011 & DUAL COMP P/N 20149-0101 deleted</p> <p>8. Section 2.6 SMOKE MASK (MIKE) P/N 10100D2F1, HF TRANSRECIEVER P/N 522-1501-000/041, HF CONTROL BOX P/N 522-2457-037, P A AMPLIFIER P/N 522-4538-002, VHF TRANSRECIVER P/N 622-1181-001/2, HF TRANSRECIEVER P/N 622-3371-004, P A AMPLIFIER P/N 622-4096-002, BOOM SET P/N 91-23-06578-07, CVR P/N A-100/A-100A, CVR CONTROL BOX P/N A-152-4, VHF ANTENNA P/N DMC-50-1, OXY MIKE (STOWAGE BOX) P/N M0101-21, IMPACT ELT P/N 453-0406NT, ELT (RESCUE 99) P/N 607690-2, IMPACT ELT P/N ELT96A2560000000, RADAR INDICATOR P/N 2041-232-3112, WAVE GUIDE ROTARY SWITCH P/N 2068599-0701, RADAR ANTENNA P/N 2070409-0103, RADAR TRANSRECIEVER P/N 2070410-01-01, RADAR INDICATOR P/N 2070943-0103/0203, MARKER RECIEVER P/N 522-2996-011, DME P/N 622-2921-001, ATC TCAS CONTROL PANEL P/N 622-8974-006/071-1503-2601, ADF RECIEVER P/N 777-1492-002/004, ADF CONTROL PANEL P/N 792-6275-005, ATC DME ANTENNA P/N DM150-2, GLIDE SLOPE ANTENNA P/N DMN25-2, MARKER ANTENNA P/N DMN27-3, LOCALISER ANTENNA P/N DMN 4-26, ADF CONTROL PANEL P/N G3981/G3107, RADAR CONTROL PANEL P/N G3814A, TCAS SPEAKER P/N G5515V1, RADOME P/N A923-20242-00010 are deleted.</p> <p>9. Section 7.2 – 3 Jammu station added in CRJ, Bhavnagar Station Added In ATR</p> <p>10. Section 7.2-1 At Delhi for base maintenance of ATR 72-212 (600 Version) a/c, Note (1) has been revised to include maintenance up to 9A check and 2 yearly Inspection.</p>
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Issue 1	Rev 8	30 DEC 2016	13 FEB 2017	<p>PART 7 Consisting of ATR 42, ATR 72-212A(600 version) AND CRJ 700 CAPABILITIES is merged in respective regions and replaced by Line Stations. Bhavnagar, Ranchi, Diu, Pantnagar, Rajkot, Vijayawada, Bhatinda, Jammu and Hubali included for ATR line stations and Jammu included for CRJ operation.</p> <p>Section 0.1 Part 7 Changed to Domestic and International Line Stations Last para regarding distribution list amended</p> <p>Section 1.2 1. Line Stations shifted to Part 7. 2. ATR and CRJ capability added 3. Other facilities added</p> <p>Section 2.2 1. Line Stations shifted to Part 7. 2. ATR and CRJ capability added</p> <p>Section 2.5 1. 2.5 – 4 C13 : S.S.F.D.R P/N 2100-XXXX-Series updated 2. 2.5 – 7 C15 : Item No. 19, 20, 21, 22 and 23 updated.</p> <p>Section 3.1 1. AI replaced by AIESL</p> <p>Section 3.2 1. Line Stations shifted to Part 7. 2. ATR and CRJ capability added 3. Other facilities added</p> <p>Section 3.3 1. 3.3 - 3 C1 Items 7 to 12 added 2. Primary Heat Exchanger P/N 753X0000-YY (X-A/B/C & Y-numerical) 3. Main Heat Exchanger p /n 754X0000-YY 4. Reheater p/n 755X0000-YY 5. Condenser p/n 756X0000-YY 6. Air Cycle Machine p/n 1814A0000 7. Air Cycle Machine p/n 1263A0000</p>
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				<p>Section 3.4</p> <ol style="list-style-type: none"> 1. 3.4 - 3 C6 Items 3 to 5 added 2. A/C Convection Oven p/n 3G900-9999-YYY 3. Hot Cup p/n JD034006 4. Hot Jug p/n JA003028 <p>Section 4.1</p> <ol style="list-style-type: none"> 1. Details of section specified. 2. AI replaced by AIESL <p>Section 4.2</p> <ol style="list-style-type: none"> 4. Listed change in limitations. 5. Other facilities added 6. ATR and CRJ capability added <p>Section 4.3</p> <p>Note modified</p> <p>Section 4.4</p> <p>Note modified</p> <p>Section 4.5</p> <p>Line Stations shifted to Part 7.</p> <p>Section 4.6</p> <ol style="list-style-type: none"> 1. 4.6 – 1 C1 Item 5 and 6 GCU p/n 21-55-01/03 deleted 2. 4.6 – 2 C6 HOSE ASSY deleted, Item 5 & 6 Pilot and Co-pilot seat p/n updated 3. 4.6 – 3 C18 PRESSURE REDUCER ATA reference and manufacturer updated 4. 4.6 – 4 C14 Brk Ass. p/n 2601042 deleted 5. 4.6 – 4 Main & Nose wheel p/n 2601571-1 and 2601045-2 deleted 6. 4.6 – 4 BRAKE ASSY p/n C20585710 / C20585711 / C-20225509 SERIES / C20534000 SERIES / C20251000 SERIES added 7. 4.6 – 4 MAIN WHEEL p/n C20500100 / C20195162 / C20252100 added 8. 4.6 – 4 NOSE WHEEL p/n 3-1531 added <p>Section 4.7</p> <ol style="list-style-type: none"> 1. 4.7 - 1 C1 : Item 9 to 12 deleted 2. 4.7 - 2 C5 : Item 1 AIRCRAFT BATTERY updated
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				<ul style="list-style-type: none"> 3. 4.7 - 2 C5 : Item 2 AIRCRAFT BATTERY P/N 10-60707-20 deleted and renumbered 4. 4.7 - 3 C6 : Item WATER HEATER p/n E31058-20, HOT FOOD OVEN p/n 541-1761JRTC, HOT FOOD OVEN p/n 206-1761, PILOT'S SEAT p/n 2510144 and CO-PILOT'S SEAT p/n 2510145 deleted 5. 4.7 - 3 CONVECTION OVEN p/n 3G900-9999 SERIES added 6. 4.7 - 3 Item 2 BEVERAGE MAKER updated 7. 4.7 - 6 C5 Item 3 & 4 Emer Exit Light P/N 10-0067-7/-9 and Emergency Exit Lt. Pwr Supply P/N 60-1321-1/-1LB deleted 8. 4.7 - 6 Item 8 A.I.B.U p/n 4197 series added and list renumbered 9. 4.7 - 10 C7 Item 1 Ignition lead updated <p>Section 4.9</p> <ul style="list-style-type: none"> 1. 4.9 - 8 C15 : Item 18 and 19 added. <p>Section 4.10</p> <ul style="list-style-type: none"> 1. 4.10 - 3 C3 : Item 22 and 27 updated 2. 4.10 - 4 C6 : Item 8 to 13 added. 3. 4.10 - 6 C5 : Item 02 updated. 4. 4.10 - 8 C1 : Item 02 added. <p>Section 4.11</p> <ul style="list-style-type: none"> 1. 4.11 - 2 HP METER CALIBRATOR 6920B added in "Calibration Standards Used:" <p>Section 5.1</p> <ul style="list-style-type: none"> 1. AI replaced by AIESL <p>Section 6.1</p> <ul style="list-style-type: none"> 1. AI replaced by AIESL
Issue 1	Rev 9	02 MAY 2017	23 AUG 2017	<p>Section 0.1 Part 7 deleted.</p> <p>Section 0.4 All pages contents readjusted.</p> <p>Section 1.5-19 TAT Sensor P/N: 102EH2BH, ATA Chapter of TAT Sensor has changed from ATA 34-12-17 to ATA 34-18-62</p> <p>Section 1.1,2.1,3.1 and 4.1 first para modified as "As described in AIESL MOE Section 1.9."</p> <p>Content of Section 1.2, 2.2, 3.2,4.2, 4.3,4.4 and 4.5 shifted to Section 1.9 of MOE and Section 1.1,2.1,3.1 and 4.1</p> <p>Section 1.3-10 Item 3 Debris Monitor added</p>

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				<p>Section 1.5-19 ATA Chapter changed from 34-12-17 to 34-18-62 Page 1.5-20 and 1.5-21 revised due page shifting Section 1.5-24 Item 47 CREW OXYGEN BOTTLE added Page 2.3-3 Brake Assy PN C20534100 added Page 2.5-5 Total Pressure Probe PN 0851HL added Page 2.5-4 Item 3 SSFDR and 2.5-7 Item 15 PBE Maint Level Upgraded to 2 Section 2.8-1 added Section 4.9-7 & 4.9-8 change in Vendor from SCOTT to AVOX for the oxygen components. Due to this change in Vendor some of the CMM Chapter numbers also got changed. Section 4.10-2 Item 20 Hand Set P/N 89-01-07XXX added and PART 7 Deleted</p>
Issue 1	Rev 10	09 NOV 2017	25 APR 2018	<p>Section 0.5 – All pages contents readjusted. Section 1.4-19 – Motor Converter Part No 4279198 RH and Part No 4279204 LH added. Section 1.5-22 to 1.5-24 – Serial No column renumbered as typographical error observed in serial numbering. Change in vendor name from SCOTT to AVOX for oxygen components. Due to change in vendor some of the CMM chapter numbers changed and P/N changed to series. Section 1.5-24 – Addition of Portable Regulator Assembly P/N 3552 Series, P/N 3553 Series and Oxygen Cylinder and Valve Assembly P/N 804044-15 and 804044-77 at SI No 44, 45, 46 added.</p>
Issue 1	Rev 11	04 MAY 2018	06 SEP 2018	<ol style="list-style-type: none"> 1. Section 1.3 page 4 item 25 Crew Seat Assembly added. 2. Section 1.3 page 18 items 82, 83 and 84 added. 3. Section 1.3 Page 20 item 18 added. 4. Section 1.4 page 33 item 94 added. 5. Section 1.5 page 21 item 64 and 65 merged, so item 65 deleted and vendor name change SMITH to GE Aviation and CMM Ref No also changed. 6. Section 1.6 page 4 item 66 and page 5 item 13 added. 7. Section 1.7 page 3 item 2 ATSU Deleted as same is mention on page 1.7-12. 8. Section 1.7 page 4 item 1 BCL P/N: 35-0L5-1005-08 changed to 35-0L5 Series and Vendor to Thales. 9. Section 1.7 page 12 item 1 ATSU P/N: LA2TOG20402E030, LA2TOG20503B040, LA2TOG20503B050, LA2TOG20705C070 replaced with LA2T0 Series.

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				<p>10. Section 3.6 page 1 SSCVR P/N FA2100-1020/25-02 (Model FA2100) changed to 2100-Series.</p> <p>11. Section 4.7 page 7 item 21 & 22 added.</p> <p>12. Section 5.1 Bore scope Inspection in accordance with current Powerplant & Airframe Manufacturer's manuals for IAE V2500 A5 and CFM LEAP 1A Engine added.</p>
Issue 1	Rev 12	15 NOV 2018	22 DEC 2018	1. Section 4.7 page 2 A/C Battery added
Issue 1	Rev 13	10 JAN 2019	17 JAN 2019	1. Section 6.1 D1 NDT) Ultrasonic, Eddy Current, X Ray Inspection deleted and CAR reference changed to AAC 02 of 2017.
Issue 1	Rev 14	01 JUL 2019	10 AUG 2019	<p>1. Section 0.3 table format changed, revised date and signature column deleted.</p> <p>2. Section 1.3-1 (ITEM NO.20) FILTER - P/N 72E03-1/29578 added upto Level 2 Maintenance. Only cleaning</p> <p>3. Section 1.3-5 (ITEM NO. 18) P3 Hafex – Halon Alternative Fire Extinguisher - P/N P3APP003010 Series added upto Level 1 Maintenance. Component similar to Item 7 of Page 1.3-5.</p> <p>4. Section 1.3-13 (ITEM NO.57) Variable Displacement Hydraulic Pump - P/N 623977/887111/887673/3031863-001 added upto Level 3 maintenance. Component similar to EDP at Page 1.3-11(ITEM NO 25)</p> <p>5. Section 1.3-13 (ITEM NO.58) AC Motor Driven Hyd Pump - P/N 974540 added up to Level 3 maintenance. Component similar to Pump Elect at Page 1.3-11 (ITEM 26)</p> <p>6. Section 1.3-18 (ITEM NO. 85) CARBON BRAKE - P/N C20780 Series added up to Level 3 maintenance. This component is upgrade existing component as Item 70 of this page.</p> <p>7. Section 1.3-19 (ITEM NO. 6) Filter P/N 398 Series added up to Level 2 maintenance. Component similar to Item 4 of Page 1.3-19</p> <p>8. Section 1.4-2 (ITEM No. 22) SENSOR DUCT TEMP. – P/N changed to 764A0000 / 764B0000 Series.</p> <p>9. Section 1.4-3 (ITEM No.38,39) TEMPERATURE SENSOR – P/N changed to 9105A0001 Series and 9105A0005 Series respectively.</p> <p>10. Section 1.4-5 (ITEM NO. 9) BATTERY - P/N 3343259090 & 3349025910 deleted as not used. Section 1.4-5 (ITEM No.9) BATTERY P/N 416526 added upto Level 3</p>

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				<p>maintenance in place of P/N 3343259090 & 3349025910. This component is similar to Item No.9 on Page 1.4 -5</p> <p>11. Section 1.4-10 (ITEM NO.33) OVEN – P/N 3000/3075 Series added up to Level 2 maintenance. This component is similar to Item No.7 on Page 1.4 – 9.</p> <p>12. Section 1.4-33 (ITEM No.95) SERVICE AREA LIGHT - P/N F1000955-01/F1000956-00/F1000956-10 added up to Level 2 maintenance. This component is similar to Item No.18 on Page 1.4 – 29.</p> <p>13. Section 1.4-33 (ITEM No.96) LOADING AREA LIGHT - P/N F1001940-00 added up to Level 2 maintenance. This component is similar to Item No.18 on Page 1.4 – 29.</p> <p>14. Section 1.4-33 (ITEM No.97) LED LOGO LIGHT - P/N 2LA456342-01, 2LA456342-02, 2LA456342-03, 2LA456342-04 added up to Level 2 maintenance. This component is similar to Item No.19 on Page 1.4 – 29</p> <p>15. Section 1.5-2 (ITEM NO.23) FLOW SENSOR - P/N 9106A005 Series added upto Level 1 Maintenance.</p> <p>16. Section 1.5-3 (ITEM 1) Change of Nomenclature to TRIM POSITION DISPLAY PANEL to be in compliance with latest CMM. Change of Vendor name from ECE to ZODIAC.</p> <p>17. Section 1.5-4 (ITEM No.19) Rudder Trim Indicator - P/N 196PN01Y02 added upto Level 2.This Component is similar to Item 1 on Page 1.5-3.</p> <p>18. Section 1.5-11 (ITEM NO.27) SWITCH PRESSURE – P/N FRH100014A added up to Level 1 maintenance. Component similar to Switch Pressure at Page 1.5-10 (ITEM 22).</p> <p>19. Section 1.5-11 (ITEM NO.28) SWITCH PRESSURE – P/N FRH100013A added up to Level 1 maintenance. Component similar to Switch Pressure at Page 1.5-10 (ITEM 22).</p> <p>20. Section 1.5-12(ITEM No.11) Pressure Transducer : Change of Vendor name from SAGEM to EASTERLINE.</p> <p>21. Section 1.5-12 (ITEM NO.21) PRESSURE TRANSDUCER - P/N ZAW623-01 added up to Level 1 maintenance. Component similar to ITEM 25.</p> <p>22. Section 1.5-17 (ITEM NO. 5) BRAKE PRESSURE INDICATOR – (BPI-SA) P/N 727-1600-01 added up to Level 2 maintenance. Component similar to Item 1 of Page 1.5-17.</p>
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				<p>23. Section 1.5-32 (ITEM 16) PRESSURE TRANSDUCER - P/N 41SG381-1 up to Level 1 maintenance. This component is similar to Item 9 of Page 1.5-32.</p> <p>24. Section 1.6-1 (ITEM NO. 5) SSCVR - Vendor name change from L3 communications to L3 Aviation Products.</p> <p>25. Section 1.6-1 (ITEM NO. 7) VHF Antenna - RAYAN merged with CHELTON Antenna trading as COBHAM. Part No. Changed from 2403-89 to 2403-89 Series (Vendor COBHAM).</p> <p>26. Section 1.6-2 (ITEM NO. 32) RMP - Change of vendor name from SEXTANT to THALES.</p> <p>27. Section 1.6-2 (ITEM NO.33) MIC ASSY. - Correction of CMM number from 23-70-01 to 23-70-02 due to typographical error.</p> <p>28. Section 1.6-2 (ITEM NO.36) MIC AMP - Correction of CMM number from 23-70-01 to 23-70-02 due to typographical error.</p> <p>29. Section 1.6-2 (ITEM NO.37) SSCVR - Correction of CMM number from 23-73-02 to 23-70-02 due to typographical error.</p> <p>30. Section 1.6-2 (ITEM NO.39) ACP - Change of Vendor name from TEAM to trading name COBHAM.</p> <p>31. Section 1.6-3 (ITEM NO.52) P.R.A.M - Change of vendor name from MATSUSHITA AVIONICS SYSTEM to PANASONIC AVIONICS CORPORATION.</p> <p>32. Section 1.6-3 (ITEM NO.56) CIDS DIRECTOR – Part no. changed from Z010H0003113 to Z010H Series Due to company reorganization, the manufacturer name has been changed from KID SYSTEME to AIRBUS.</p> <p>33. Section 1.6-3 (ITEM NO.57) P.T.P – Part no. changed from Z020H000X11X to Z020H Series Correction of CMM number from 23-73-19 to 23-73-29 due to change in CMM Ref by Vendor. Due to company reorganization, the manufacturer name has been changed from KID SYSTEME to AIRBUS.</p> <p>34. Section 1.6-3 (ITEM NO.58) DEU-A – Part no. changed from Z030H0003110,Z030H0004110 to Z030H Series Due to company reorganization, the manufacturer name has been changed from KID SYSTEME to AIRBUS.</p> <p>35. Section 1.6-3 (ITEM NO.59) DEU-B – Part no. changed from Z040H0004110 to Z040H Series.Due to company reorganization ,the manufacturer name has been</p>
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				<p>changed from KID SYSTEME to AIRBUS .Deletion of Z030H0004110 as this Part No. is of DEU-A and inadvertently mentioned here.</p> <p>36. Section 1.6-3 (ITEM NO.60) C.A.M - Due to company reorganization ,the manufacturer name has been changed from KID SYSTEME to AIRBUS.</p> <p>37. Section 1.6-4 (ITEM NO.61) A.I.P - Due to company reorganization ,the manufacturer name has been changed from KID SYSTEME to AIRBUS.</p> <p>38. Section 1.6-4 (ITEM NO.62) A.A.P - Due to company reorganization ,the manufacturer name has been changed from KID SYSTEME to AIRBUS.</p> <p>39. Section 1.6-4 (ITEM NO.63) F.A.P - Part no. changed from Z130H00XXXXX to Z130H00 Series.Correction of CMM No. from 23-73-12 to 23-73-10 due to typographical error.Due to company reorganization, the manufacturer has been changed from KID SYSTEME to AIRBUS.</p> <p>40. Section 1.6-4 (ITEM NO.65) CDSS CAMERA – Issue of new CMM 23-72-02 due to addition of more P/N applicability by Vendor in addition to existing CMM 23-72-01.</p> <p>41. Section 1.6-5 (ITEM NO.3) ELT (IMPACT) – Correction of Document/CMM Ref. to 570-1021 due to typographical error.</p> <p>42. Section 1.6-5 (ITEM NO.4) ELT – Nomenclature is reworded as ELT (IMPACT) C406-2 Series. P/Ns are being changed to 453-5000 and 453-5001 with CMM Ref.25-62-11 to be in compliance with the latest CMM.</p> <p>43. Section 1.6-5 (ITEM NO.5) MEGAPHONE – Correction of CMM Ref. No. from 25-65-04 to 255A209.</p> <p>44. Section 1.6-5 (ITEM NO.10) MEGAPHONE – Mentioning of P/N A3-06-1402 in addition to Model No.ACR/EM-1A. Mentioning of Product Support Manual Y1-03-0340 along with ATA 25-60-01.</p> <p>45. Section 1.6-5 (ITEM NO.12) ELT – This item no.12 is being reworded due to change in nomenclature and addition of one more CMM as mentioned at Item 4 of this page.ELT – Nomenclature is changed to ELT (C406-1 Series). P/N being changed to 453-5002 and 453-5003 with CMM Ref.25-62-10 to be in compliance with latest CMM.</p> <p>46. Section 1.6-5 (ITEM NO.12) ELT (B406-4) is added here as stated in Item 12 above with P/N 453-5004 due to specific CMM Ref.No.25-62-03 being issued by Vendor.</p> <p>47. Section 1.6-6 (ITEM NO.1) C.A.L - Change of Vendor name from AEROSPATIALE to</p>
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				<p>AIRBUS.</p> <p>48. Section 1.6-6 (ITEM NO.2) DEU ADAPTER – Deletion of Part No. D9259016700200 Due to company reorganization, the manufacturer has been changed from KID SYSTEME to AIRBUS.</p> <p>49. Section 1.6-7 (ITEM NO. 6) DME ANTENNA – RAYAN merged with Chelton Antenna trading as COBHAM . Part No. Changed from 2406-89-03 to 2406-89 Series.</p> <p>50. Section 1.6-7 (ITEM NO. 7) GLIDEPATH ANTENNA – RAYAN merged with Chelton Antenna trading as COBHAM .Part No. Changed from 3105-89 to 3105-89 Series.</p> <p>51. Section 1.6-7(ITEM NO. 8) LOC ANTENNA – RAYAN merged with Chelton Antenna trading as COBHAM . Part No. Changed from 3106-89 to 3106-89 Series</p> <p>52. Section 1.6-7(ITEM NO. 9) MARKER ANTENNA – RAYAN merged with Chelton Antenna trading as COBHAM Part No. Changed from 3107-89 to 3107-89 Series.</p> <p>53. Section 1.6-7(ITEM NO.10) VOR ANTENNA – RAYAN merged with Chelton Antenna trading as COBHAM . Part No. Changed from 3108-89 to 3108-89 Series.</p> <p>54. Section 1.6-9(ITEM NO.42) ATC/TCAS CONTROL PANEL – Part No. Changed from C12404AB02 TO C12404 Series</p> <p>55. Section 1.7-1 (ITEM No.1) CPC - P/N changed to 20791 Series.</p> <p>56. Section 1.7-2 (ITEM No.1) FAC - P/N changed to B397 Series.</p> <p>57. Section 1.7-5 (ITEM No.4) ELAC - P/N changed to 394512 Series.</p> <p>58. Section 1.7-5 (ITEM No.7) SEC - P/N changed to B372BA Series.</p> <p>59. Section 1.7-6 (ITEM No.1) FQIC - P/N Changed to B539 Series.</p> <p>60. Section 1.7-6 (ITEM No.4) FQIS-I - P/N changed to 1407KID Series / 1412KID Series & Change of Vender name to ONTIC.</p> <p>61. Section 1.7-6 (ITEM No.7) FQIS-C - P/N changed to SIC5059 Series. Change of Vender name to ONTIC & Correction in CMM Ref. No. to 28-42-68.</p> <p>62. Section 1.7-7 (ITEM NO. 1) PHC - P/N changed to 47215920 Series.</p> <p>63. Section 1.7-8 (ITEM NO.3) FWC - P/N Changed to 350E0 Series.</p> <p>64. Section 1.7-8 (ITEM NO.5) SDAC - P/N Changed to 350E5 Series.</p> <p>65. Section 1.7-8 (ITEM NO.9) LCDU - P/N Changed to C19298 Series / C19366 Series.</p> <p>66. Section 1.7-8 (ITEM NO.10) ECP - P/N Changed to 35-0L0 Series. Change of Vendor name to AIRBUS.</p>
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				<p>67. Section 1.7-13 (ITEM NO.1) ECB - P/N Changed to 3888394 Series.</p> <p>68. Section 2.6-2(ITEM NO.18) Handmike P/N: M83/P1801A ATA Reference changed from 23-40-13 to 23-40-12 due typographical error.</p> <p>69. Section 3.3-3(ITEM NO.1 &2) DIFFERENTIAL PRESSURE REGULATOR P/N:392686-3-1, MOD & SHUT OFF VALVE P/N:392716 level changed from 3 to1, (ITEM NO.2) DUCT RELIEF VALVE P/N:1667 deleted</p> <p>70. Section 3.3-4(ITEM NO.1) APU SURGE BLEED VALVE- P/N:397868 deleted</p> <p>71. Section 3.3-5(ITEM NO.1) PRBC- P/N:658385 deleted.</p> <p>72. Section 3.4-1(ITEM NO.1) 35° CONTROL VALVE- P/N: 321942 level changed from 3 to 1,(ITEM NO.2) AIR PURGE VALVE P/N: 32-2861 deleted</p> <p>73. Section 3.4-6 (ITEM NO.1) 3-WAY SOLENOID VALVE(APU)- P/N: 320362 level changed from 3 to 1, (ITEM NO. 6,7,8 & 9) HT LEAD(APU) P/N: 369259-32, , IGNITION EXCITOR (APU) P/N: TCN-1031/899580, IGNITOR PLUG(APU) P/N: 369162/FS93, NC SOLENOID VALVE (APU) P/N: 692993 deleted</p> <p>74. Section 3.4-7(ITEM NO.4): ANTI ICE VALVE P/N: 320115 level changed from 3 to 1.</p> <p>75. Section 3.5-1(ITEM NO 1,2 &3) HYD PRESSURE TRANSMITTER P/N:ST107R, OIL PRESSURE TX. P/N:ST104Z, DUCT PRESSURE TX P/N:ST106AB level changed from 3 to 1, .(ITEM NO.4) FLIGHT DATA RECORDER P/N:2100-4043-XX changed to 2100 Series</p> <p>76. Section 3.5-2(ITEM NO. 1,2 &3): DME INDICATOR P/N:522-1859-033, CDI/H.S.I. P/N:522-2782-004, FDI/ADI P/N:777-1224-003 level changed from 3 to 1</p> <p>77. Section 3.5-4 (ITEM NO 1 TO 5): OIL TEMPERATURE SWITCH(APU) P/N:305080, EGT PROBE (APU) P/N:692523, LOP2 SWITCH (APU) P/N:698430-1, SOP SWITCH (APU) P/N:698430-2, PNEU THERMOSTAT (APU) P/N:129552 level changed from 3 to 1</p> <p>78. Section 3.5-5 (ITEM NO.1) FUEL FLOW TX P/N:8TJ50GCA3 deleted.</p> <p>79. Section 3.6-1(ITEM NO 1 TO 7) : VHF TX/RX P/N:618M-2B/3, HF TX/RX P/N:618T-2/628T-1, HF ANTENNA COUPLER P/N:490T-1, PA AMPLIFIER P/N:346D-1B/2B, SELCAL DECODER P/N:NA134D-2, CVR P/N:93-A100(MODEL A00)/A100A, SELCAL CONTROLLER UNIT P/N:G2581 deleted</p> <p>80. Section 3.6-2 : Content of page 3.6-2 shifted to page 3.6-1.</p> <p>81. Section 3.6-4 : MARKER BEACON RX P/N:51Z-4 deleted.</p> <p>82. Section 5.1-1 Bore scope blending in accordance with current Powerplant & Airframe</p>
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				<p>Manufacturer's Manuals on CFM LEAP 1A Engine</p> <p>83. Section 6.2-1 (ITEM NO 1) CSD(40 AGD-10) P/N:699647C level changed from 3 to 1</p> <p>84. Section 6.2- 4 (ITEM NO 8) FUEL NOZZLE (JT8D) P/N:782720/782281/798244 deleted.</p>
ISSUE 1	REV 15	31 JAN 2020	19 MAR 2020	<ol style="list-style-type: none"> 1. Section 1.4-3 (ITEM NO.31) AVIONICS FAN - P/N EVT 3454G/3454H/3454HC already part of CAP/03 Level of maintenance change from 2(repair) to 3(overhaul). 2. Section1.4-15 (ITEM No.155) LED TAXI LIGHT P/N 2LA456292-01 added up to Level 2 maintenance. This component is similar to Item No.97 on Page 1.4 -33 3. Section1.4-15 (ITEM No.156) LED WING SCAN LIGHT- P/N 2LA456335-01/02 added up to Level 2 maintenance. This component is similar to Item No.97 on Page 1.4 -33 4. Section 1.3-17 (ITEM NO.59) AC ELECTRIC MOTOR DRIVEN PUMP ASSEMBLY - P/N 3022143-000 added up to Level 3 maintenance. Component similar to Page 1.3-13 (Item No.58). 5. Section 1.3-17 (ITEM NO.60) Variable Displacement Hydraulic Pump - P/N 3031863-002 added up to Level 3 maintenance. Component similar to EDP at Page 1.3-13 (ITEM 57). 6. Section 1.3-26 (ITEM NO. 19) Fire Extinguisher - P/N 472420 Series. added up to Level 1 maintenance. Component similar to Item 6 of Page 1.3-5. 7. Section Page 1.3-26 (ITEM NO. 20) Fire Extinguisher – P/N 30100022 Series added up tp Level 1 maintenance.Component similar to Item 11 of Page 1.3-5 8. Section 1.3,1.4,1.5,1.6 and 1.7 rearranged as per the rating C1,C2
ISSUE 1	REV 16	11 JUN 2020	17 JUN 2020	In section 3.4 APU Wiring harness P/N: 3888438-1 and STARTER CONTROL VALVE (ENGINE START VALVE) P/N: 3291556-X added on page 6 and 8 respectively.

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ISSUE 2	REV 0	01 DEC 2020	01 JAN 2021	<p>Company name and logo changed from Air India Engineering Services Limited (AIESL) to AI Engineering Services Limited (AIESL) .</p> <p>Section 3.3 Rating C1, items Air Cycle Machine P/N: 204050, FCV (AEROMATIC VALVE) P/N: 5669 /16570, TURBO FAN P/N: 801240, Rating C17- DIFFERENTIAL PRESSURE REGULATOR P/N:392686-3-1, MOD & SHUT OFF VALVE P/N: 392716, CHECK VALVE P/N: 986F12 / L96H15-501 and rating C7- PNEUMATIC ENGINE STARTER P/N: 383152 are dleted.</p> <p>Section 3.4rating C1 – item 35° CONTROL VALVE P/N: 321942, Rating C5 item CSD HARNESS P/N: 707791A/54440, rating C6- HOT FOOD OVEN P/N: 206-1761RTC//541-1761RTC, rating C7- 3-WAY SOLENOID VALVE(APU) P/N: 320362, CENTRIFUGAL SWITCH(APU) P/N: 3601030, ELECTRICAL HARNESS(APU) P/N: 43973-8C/379868, FUEL SOLENOID VALVE(APU) P/N: 692545, APU HARNESS T/C P/N: 305057/866157-1 to -15, ANTI ICE VALVE P/N: 320115 are deleted.</p> <p>Section 3.5 rating C13- HYD PRESSURE TRANSMITTER P/N: ST107R, OIL PRESSURE TX. P/N: ST104Z, DUCT PRESSURE TX P/N: ST106AB, rating C3 – DME INDICATOR P/N: 522-1859-033, CDI/H.S.I. P/N: 522-2782-004, FDI/ADI P/N: 777-1224-003, rating C7 – OIL TEMPERATURE SWITCH(APU) P/N: 305080, EGT PROBE (APU) P/N: 692523, LOP2 SWITCH (APU) P/N: 698430-1, SOP SWITCH (APU) P/N: 698430-2, PNEU THERMOSTAT (APU) P/N: 129552 deleted,</p> <p>Section 6.1, rating B1- P & W JT8D Engine, rating B3- Honeywell GTCP 85-129 Series, COMPONENTS OTHER THAN COMPLETE ENGINE & APU – CSD, P & W JT8D and B7373 deleted.</p> <p>Section 6.2 rating C5- CSD (40AGD-10) P/N: 699647C, OIL COOLER(CSD) P/N: 6A47-000, rating C7 page 6.2-2 items 1 to 9 (APU GTCP85-129/129C P/N: 380428-1-14/ 380428-4-2, COOLING FAN ASSY P/N: 698427-18C, OIL COOLER P/N: 152050-5-1, OIL TANK P/N: 976036-1/-2, OIL PUMP P/N: 379580-300, GEAR CASE ASSY P/N: 379600-250, COMBUSTION LINER P/N: 3605384-4, ATOMIZER (APU) P/N: 3601193-1, FCU (APU) P/N: 3602310-28-1), Rating C7 FUEL PUMP (JT8D) P/N: 384301/371901, P & D VALVE (JT8D) P/N: 714810, FCU (JT8D) P/N: 743602-5, FUEL HEATER (JT8D) P/N: 745608/522649, FCOC (JT8D): P/N: 548003 are deleted</p> <p>Section 4.6 page items 1,2 & 7, AIR BOTTLE P/N: D17977-1 (Part of D17978-103,109,111), D17977-3 (Part of D17978-107,115,113) and 16D 17194-20, 16D 17194-10, 16D 17194-05, 16D 17194-24, 16D 17194-09 deleted.</p> <p>Section 4.7 page 1, item 1 CABIN CONTROL VENTILATING FAN P/N: 606850-1/-2 , item 2 & 3 GASPER FAN (MIXED FLOW FAN ASSY) P/N: 21520-1 & 500702-4620 and item 4 ELCTRONIC</p>

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				COOLING FAN (VANE AXIAL FAN) P/N: 6577-1/-2 are deleted.
				Section 4.7 page 3 item 1 LAV.VENT.FAN P/N: M31718-1E deleted.
				Section 4.7 page 4 item 1 MOTOR ASSY CONVERTER P/N: XW21181SERIES, XW23629 SERIES, XW20101-737 deleted.
				Section 4.7 page 6 item 1 ANTI COLLISION LIGHT P/N: 30-0837-1, 30-1401-1, item 2 LANDING LIGHT P/N: 45-0083 deleted
				Section 4.7 page 8 item 1 CONTROL SHAKER P/N: C07202-2/-4 deleted.
				Section 4.9 page 2 item 1 HYD PR.SW. P/N: 1225-P6-1, 1225-P6-2, 90G183 deleted
				Section 4.9 page 3 items 1 to 8 (FLIGHT DATA RECORDER P/N: 4024400-7, AIRCRAFT CLOCK P/N: 88000-4102, BRAKE PR. IND/DUAL HYD SYS PR. INDICATOR P/N: SRDL-7G/-7H, AMMETER AC P/N: 124-837, VOLT METER AC P/N: 124-832, AMMETER DC P/N: 124-834, VOLT METER DC P/N: 124-833, CABIN/DUCT TEMP INDICATOR P/N: 162BL903) deleted.
				Section 4.9 page 4 item 1 ACC PR.INDICATOR P/N: 6931-700 deleted.
				Section 4.9 page 6 item 1 to 5 & 8 (PNUEMATIC ALTIMETER P/N: B-0063-81108, CABIN ROCI P/N: 1680-4UA2, RMDI P/N: 1784460-655, SLAVING AMPLIFIER P/N: 2585703-2, SERVO AMPLIFIER P/N: 1783867-11 and COMPASS RACK P/N: 614937-101) deleted.
				Section 4.9 page 10 item 1 to 4, WATER QTY TX. P/N: 1145-0015 & 1145-0035, WATER QTY INDICATOR P/N: 2094-0011 & 2094-0004 deleted.
				Section 4.9 page 11, all items 1 to 4 (EGT INDICATOR P/N: 152BL801D & 152BL802A , TACHO GENERATOR P/N: 2CM9ABY-7 & 88506900002) deleted.
				Section 4.10 page 1, item 1 to 9 (VHF TRANSRECEIVER P/N: 618M-2B / 618M-3, HF TRANSRECEIVER P/N: 618T-2 & 628T-1, HF ANTENNA COUPLER P/N: 490T-1, HF CONTROLLER P/N: 714E-1/2/3, COCKPIT VOICE RECORDER P/N: A-100/A-100A, RECORDER PANEL P/N: A-152, MONITOR SPEAKER P/N: 8700-1/2/3, TAPE REPRODUCER P/N: G-825) deleted.
				Section 4.10 page 2, item 10 to 14 & 17 (EMERGENCY LOCATOR TRANSMITTER P/N: ELT110-406, HAND MIKE P/N: 602TR-4182/4183, BOOM SET P/N: MS50/T30-1, HAND SET P/N: 114340-603, HAND MIKE P/N: 291 SP 017) deleted.
				Section 4.10 page 3 item 21&25 (COCKPIT VOICE RECORDER P/N: 93-A100A-80 & HEAD SET P/N: 20046-1) deleted.

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ISSUE 2	REV 1	11 JAN 2021	19 MAY 2021	<ol style="list-style-type: none"> 1. Page No. 1.3-26 (ITEM No.21) Fire Extinguisher-P/N 863521 Series, ATA/CMM REFERENCE 26-20-10 , Vendor name L'HOTELLIER added upto level 1 maintenance. Component similar to P/N at Page 1.3-25 (Item No.7). 2. Page No. 1.4-16 (ITEM No.157) AIRCRAFT BATTERY-P/N 4078-2,40678-2, ATA/CMM REFERENCE 24-31-15 , Vendor name SAFT added upto level 3 maintenance. Component similar to BATTERY- P/N-2758 at Page 1.4-6 (Item No.7). 3. Page No. 1.4-16 (ITEM No.158) AIRCRAFT BATTERY-P/N 1658-6, ATA/CMM REFERENCE 24-31-20 , Vendor name SAFT added upto level 3 maintenance. Component similar to BATTERY- P/N-2758 at Page 1.4-6 (Item No.7). 4. Page No. 1.4-19 (ITEM No.44) WATER HEATER DR4180 SERIES - P/N 4360004-80-00-18, 4360004-80-00-25, 4360004-80SQ18, 4360004-85-00-18, 4360004-87-00-18, 4360004-81-00-18, 4360004-86-00-18, 4360004-88-00-18, ATA/CMM REFERENCE 25-33-49 , Vendor name B/E AEROSPACE added upto level 2 maintenance. Component similar to COFFEE MAKER/WATER BOILER- P/N-3510-0044-05 at Page 1.4-18 (Item No.28). 5. Page No. 1.4-1 (ITEM No.9) Nomenclature changed to RAM AIR MODULATION LINEAR ELECTROMECHANICAL ACTUATOR - P/N changed to 541674 – Series. 6. Page No. 1.4-10 (ITEM No.75) Nomenclature changed to LOADING AREA LIGHT, Vendor name changed to UTC AEROSPACE SYSYTEMs/GOODRICH. 7. Page No. 1.4-11 (ITEM No.81) OVER WING EMERG.LIGHT, Vendor name changed to UTC AEROSPACE SYSYTEMs/GOODRICH. 8. Page No. 1.4-11 (ITEM No.83) TAIL LIGHT SRTOBE, Vendor name changed to UTC AEROSPACE SYSYTEMs/GOODRICH. 9. Page No. 1.4-11 (ITEM No.84) WING SRTOBE LIGHT, Vendor name changed to UTC AEROSPACE SYSYTEMs/GOODRICH. 10. Page No. 1.4-12 (ITEM No.100) Nomenclature changed to WING AND NACELLE

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				<p>INSPECTION FLOOD LIGHT, Vendor name changed to HONEYWELL.</p> <p>11. Page No. 1.4-14 (ITEM No.134) Nomenclature changed to TRANSFORMER ASSEMBLY,P/N changed to 8ES40370X-Series, Vendor name changed to UTC AEROSPACE SYSYSTEMS/GOODRICH.</p> <p>12. Page No. 1.4-17 (ITEM No.15) BEVRAGE MAKER, P/N changed to 64771-001-003, Vendor name changed to SELL/ZODIAC AEROSPACE.</p> <p>13. Page No. 1.4-18 (ITEM No.20) Nomenclature changed to Oven control module 700 series, P/N changed to 8089XX, Vendor name changed to B/E AEROSPACE.</p> <p>14. Page No. 1.4-18 (ITEM No.22) OVEN ASSY., Vendor name changed to MONOGRAM SYSTEM/ZODIAC AEROSPACE.</p> <p>15. Page No. 1.4-18 (ITEM No.24) WATER HEATER, Vendor name changed to INVENTUM.</p> <p>16. Page No. 1.4-18 (ITEM No.35) TIMER ASSY, Vendor name changed to SAFRAN.</p> <p>17. Page No. 1.4-18 (ITEM No.36) MOTOR-PUMP-FILTER ASSY, Vendor name changed to ZODIAC AEROSPACE.</p> <p>18. Page No. 1.4-19 (ITEM No.39) Nomenclature changed to WATER HEATER, P/N changed to 24E507009 SERIES, Vendor name changed to UTC/GOODRICH.</p> <p>19. Page No. 1.4-26 (ITEM No.2) Nomenclature changed to RUDDER ART FEEL SOLENOID, Vendor name changed to SAFRAN.</p> <p>20. Page No. 1.4-27 (ITEM No.9) Nomenclature changed to AIR RELEASE VALVE, Vendor name changed to EATON.</p> <p>21. Page No. 1.4-34 (ITEM No.5) LOWER ELEC.HARNESS, Vendor name changed to SAFRAN.</p> <p>22. Page No. 1.4-34 (ITEM No.6) HARNESS ELCT.1M, Vendor name changed to SAFRAN.</p> <p>23. Page No. 1.4-34 (ITEM No.7) HARNESS ELECT. 2M , Vendor name changed to SAFRAN.</p> <p>24. Page No. 1.4-34 (ITEM No.8) ELECTRICAL HARNESS, Vendor name changed to SAFRAN.</p>

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				<p>25. Page No. 1.4-34 (ITEM No.9) LOWER ELEC. HARNESS , Vendor name changed to SAFRAN.</p> <p>26. Page No. 1.4-36 (ITEM No.30) TACHOMETER , Vendor name changed to SAFRAN.</p> <p>27. Page No. 1.4-36 (ITEM No.33) TACHOMETER , Vendor name changed to SAFRAN.</p> <p>28. Page No. 1.4-36 (ITEM No.34) BOX SENSOR (SENSOR – STEERING FEED BACK), Vendor name changed to SAFRAN.</p> <p>29. Page No. 1.4-36 (ITEM No.40) ELECTRICAL BOX , Vendor name changed to SAFRAN.</p> <p>30. Page No. 1.4-36 (ITEM No.41) ELECTRICAL BOX , Vendor name changed to SAFRAN.</p> <p>31. Page No. 1.4-36 (ITEM No.42) ELECT. HARNESS 1M UPPER (NGL), Vendor name changed to SAFRAN.</p> <p>32. Page No. 1.4-37 (ITEM No.43) ELECTRICAL LOOM (NLG ELECT.HARNESS 2M UPPER), Vendor name changed to SAFRAN.</p> <p>33. Page No. 1.4-37 (ITEM No.44) ELECTRICAL LOOM (UPPER ELECT. HARIESS), Vendor name changed to SAFRAN.</p> <p>34. Page No. 1.4-37 (ITEM No.45) ELECTRICAL LOOM (UPPER ELECT. HARNESS 2M), Vendor name changed to SAFRAN.</p> <p>35. Page No. 1.4-37 (ITEM No.46) LOWER ELECT. HARNESS (NLG), Vendor name changed to SAFRAN.</p> <p>36. Page No. 1.4-37 (ITEM No.47) INTERMEDIATE ELECT. HARNESS (NLG), Vendor name changed to SAFRAN.</p> <p>37. Page No. 1.4-37 (ITEM No.48) INTERMEDIAT ELECT. HARNESS , Vendor name changed to SAFRAN.</p> <p>38. Page No. 1.4-37 (ITEM No.49) UPPER ELECT.HARNESS IM (NLG), Vendor name changed to SAFRAN.</p> <p>39. Page No. 1.4-37 (ITEM No.50) LOWER ELEC.HARNESS ,Vendor name changed to SAFRAN.</p>

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				<p>40. Page No. 1.4-38 (ITEM No.52) IM UPPER ELECT. HARNESS , Vendor name changed to SAFRAN.</p> <p>41. Page No. 1.4-38 (ITEM No.53) 2M UPPER ELCT. HARNESS , Vendor name changed to SAFRAN.</p> <p>42. Page No. 1.4-38 (ITEM No.54) INTERMEDIATE ELECT. HARNESS , Vendor name changed to SAFRAN.</p> <p>43. Page No. 1.4-38 (ITEM No.55) LOWER ELECT. HARNESS , Vendor name changed to SAFRAN.</p> <p>44. Page No. 1.4-40 (ITEM No.15) FIRE OVERHEAT DETECTOR ,Vendor name changed to MEGGITT.</p> <p>45. Page No. 1.4-40 (ITEM No.16) FIRE DETECTOR UNIT , Vendor name changed to MEGGITT.</p> <p>46. Page No. 1.4-41 (ITEM No.29) SMOKE DETECTOR , Vendor name changed to CERBERUS GUINARD.</p> <p>47. Page No. 1.4-42 (ITEM No.30) SMOKE DETECTOR , Vendor name changed to CERBERUS GUINARD.</p> <p>48. Page No. 1.4-42 (ITEM No.38) MOTOR CONVERTER (WIPER LH), Vendor name changed to ZODIAC AEROSPACE.</p> <p>49. Page No. 1.4-42 (ITEM No.39) MOTOR CONVERTER (WIPER RH), Vendor name changed to ZODIAC AEROSPACE</p> <p>50. Page No. 1.4-42 (ITEM No.40) TIMER , Vendor name changed to ZODIAC AEROSPACE</p> <p>51. Page No. 1.4-43 (ITEM No.47) WINDOW HEAT COMPUTER (WHC), P/N changed to 416-00318-series, Vendor name changed to SAFRAN.</p> <p>52. Page No. 1.5-1 (ITEM NO. 2) Nomenclature changed to DIFFERENTIAL PRESSURE SWITCH and Vendor name changed to ZODIAC</p> <p>53. Page No. 1.5-1 (ITEM NO. 3) Nomenclature changed to DIFFERENTIAL PRESSURE</p>

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				<p>SWITCH and Vendor name changed to IN-LHC.</p> <p>54. Page No. 1.5-1 (ITEM NO. 9 & 10) Nomenclature changed from SAFETY RELIEF VALVE to SAFETY VALVE.</p> <p>55. Page No. 1.5-1 (ITEM NO. 11) Nomenclature changed to CABIN PR. CONTROLLER</p> <p>56. Page No. 1.5-1 (ITEM NO. 12) PR. CONTROLLER - Vendor name changed to HAMILTON STANDARD / UTC</p> <p>57. Page No. 1.5-1 (ITEM NO. 13) Nomenclature changed to PRESSURE SENSOR</p> <p>58. Page No. 1.5-1 (ITEM NO. 14) Nomenclature changed to PRESSURE CONTROLLER</p> <p>59. Page No. 1.5-1 (ITEM NO. 15) Nomenclature changed to OUTFLOW VALVE</p> <p>60. Page No. 1.5-1 (ITEM NO. 17) Nomenclature changed to LANDING FIELD ELEVATION SELECTOR</p> <p>61. Page No. 1.5-2 (ITEM NO. 18) Nomenclature changed to LANDING FIELD ELEVATION SELECTOR.</p> <p>62. Page No. 1.5-2 (ITEM NO. 19) Nomenclature changed to PRESSURE SENSOR, ATA / CMM REFERENCE changed to 21-51-46.</p> <p>63. Page No. 1.5-2 (ITEM NO. 22) Nomenclature changed to PRESSURE SWITCH, Vendor name changed to EATON.</p> <p>64. Page No. 1.5-3 (ITEM NO. 3) Nomenclature changed to FLIGHT CONTROL UNIT, Vendor name changed to THALES.</p> <p>65. Page No. 1.5-3 (ITEM NO. 4) Nomenclature changed to FLIGHT CONTROL UNIT, Vendor name changed to THALES.</p> <p>66. Page No. 1.5-3 (ITEM NO. 5) Nomenclature changed to PITCH CONTROL CHANNEL.</p> <p>67. Page No. 1.5-3 (ITEM NO. 6) Nomenclature changed to PITCH CONTROL CHANNEL.</p> <p>68. Page No. 1.5-3 (ITEM NO. 7) Nomenclature changed to PITCH CONTROL CHANNEL.</p> <p>69. Page No. 1.5-3 (ITEM NO. 8) Nomenclature changed to PITCH CONTROL CHANNEL.</p> <p>70. Page No. 1.5-3 (ITEM NO. 10) Nomenclature changed to AUTOMATIC STABILIZER TRIM</p>

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				<p>POTENTIOMETERS and vendor name changed to SPERRY.</p> <p>71. Page No. 1.5-4 (ITEM NO. 16) Nomenclature changed to FORCE TRANSDUCER.</p> <p>72. Page No. 1.5-4 (ITEM NO. 18) Nomenclature changed to LIMIT MECHANISM ASSEMBLY and vendor name changed to GE AVIATION.</p> <p>73. Page No. 1.5-5 (ITEM NO. 4) Nomenclature changed to TOTAL TEMPERATURE SENSOR and vendor name changed to UTC.</p> <p>74. Page No. 1.5-5 (ITEM NO. 7) Nomenclature changed to FLIGHT MODE SELECTOR PANEL and vendor name changed to SMITHS.</p> <p>75. Page No. 1.5-5 (ITEM NO. 8) Nomenclature changed to PERFORMANCE DATA COMPUTER and vendor name changed to SMITHS.</p> <p>76. Page No. 1.5-5 (ITEM NO. 9) Nomenclature changed to CONTROL DISPLAY UNIT and vendor name changed to GE AVIATION.</p> <p>77. Page No. 1.5-5 (ITEM NO. 10) Nomenclature changed to MODE ANNUNCIATOR UNIT and vendor name changed to SMITHS.</p> <p>78. Page No. 1.5-5 (ITEM NO. 11) Nomenclature changed to INDICATOR CABIN ROC.</p> <p>79. Page No. 1.5-5 (ITEM NO. 13) Nomenclature changed to GYRODYNE ® COMPASS IND.</p> <p>80. Page No. 1.5-5 (ITEM NO. 14) Nomenclature changed to SERVOED MACH AIRSPEED IND., P/N changed to 2083-08-1 and vendor name changed to GE AVIATION.</p> <p>81. Page No. 1.5-5 (ITEM NO. 19) Nomenclature changed to INDEXED FLUX VALVE.</p> <p>82. Page No. 1.5-5 (ITEM NO. 20) Nomenclature changed to INDICATOR TOTAL AIR TEMP., P/N changed to 40-302 and vendor name changed to RAGEN DATA SYS..</p> <p>83. Page No. 1.5-5 (ITEM NO. 25) Nomenclature changed to COMPARATOR WARNING MONITOR.</p> <p>84. Page No. 1.5-6 (ITEM NO. 29) Nomenclature changed to COMPASS SYSTEM RACK.</p> <p>85. Page No. 1.5-6 (ITEM NO. 30) Nomenclature changed to DIGITAL RMI / ADF INDICATOR. Vendor SEXTANT deleted and Vendor name changed to THALES.</p>

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				<p>86. Page No. 1.5-6 (ITEM NO. 31) Nomenclature changed to DDRMI INDICATOR. Vendor SEXTANT deleted and Vendor name changed to THALES.</p> <p>87. Page No. 1.5-6 (ITEM NO. 33) Nomenclature changed to AIRSPEED INDICATOR. Vendor SEXTANT deleted and Vendor name changed to THALES.</p> <p>88. Page No. 1.5-6 (ITEM NO. 34) Nomenclature changed to ALTIMETER. Vendor SEXTANT deleted and Vendor name changed to THALES.</p> <p>89. Page No. 1.5-6 (ITEM NO. 41) Nomenclature changed to GYROSCOPIC HORIZON AND P/N changed to 705-7V4, vendor name changed to THALES.</p> <p>90. Page No. 1.5-6 (ITEM NO. 43) Nomenclature changed to PITOT TUBES, P/N changed to 0851T/0851CM AND vendor name changed to ROSE MOUNT AEROSPACE.</p> <p>91. Page No. 1.5-6 (ITEM NO. 44) Nomenclature changed to PITOT STATIC TUBE, P/N changed to 0856AE19 and vendor name changed to UTC.</p> <p>92. Page No. 1.5-6 (ITEM NO. 45) Nomenclature changed to PITOT STATIC TUBE, P/N changed to 0856AE8 / 0856AE13 and vendor name changed to UTC.</p> <p>93. Page No. 1.5-6 (ITEM NO. 47) Nomenclature changed to COUNTER POINTER DRUM ALTIMETER, P/N changed to B0063-81108 and vendor name changed to SMITHS.</p> <p>94. Page No. 1.5-6 (ITEM NO. 48) Nomenclature changed to ALTITUDE ALERTING CONTROL and vendor name changed to SMITHS.</p> <p>95. Page No. 1.5-6 (ITEM NO. 49) Nomenclature changed to ALTITUDE ALERTING CONTROL and vendor name changed to SMITHS.</p> <p>96. Page No. 1.5-6 (ITEM NO. 50) Nomenclature changed to OVERSPEED LIMIT SENSOR and vendor name changed to SMITHS.</p> <p>97. Page No. 1.5-6 (ITEM NO. 51) Nomenclature changed to SERVOED ALTITUDE INDICATOR and vendor name changed to SMITHS.</p> <p>98. Page No. 1.5-6 (ITEM NO. 52) Nomenclature changed to TOTAL PRESSURE PROBE, Vendor SEXTANT deleted and Vendor name changed to THALES.</p>

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				<p>99. Page No. 1.5-7 (ITEM NO. 56) Nomenclature changed to GYROSCOPIC HORIZON, Vendor SEXTANT deleted and Vendor name changed to THALES.</p> <p>100. Page No. 1.5-7 (ITEM NO. 63) Nomenclature changed to AIRSPEED SWITCH. P/N changed to PDC1-1B-161.</p> <p>101. Page No. 1.5-8 (ITEM NO. 1) Nomenclature changed to DIFFERENTIAL PRESSURE SWITCH and vendor name changed to ZODIAC AEROSPACE.</p> <p>102. Page No. 1.5-9 (ITEM NO. 1) Nomenclature changed to DC VOLTMETER and vendor name changed to SAFRAN.</p> <p>103. Page No. 1.5-9 (ITEM NO. 2) Nomenclature changed to DC VOLTMETER.</p> <p>104. Page No. 1.5-10 (ITEM NO. 12) Nomenclature changed to INDICATOR WATER QTY. and Vendor Name changed to ROYLYN.</p> <p>105. Page No. 1.5-10 (ITEM NO. 13) Nomenclature changed to INDICATOR WATER QTY. Vendor name changed to KAISER.</p> <p>106. Page No. 1.5-10 (ITEM NO. 14) Nomenclature changed to WATER TANK CONTENT TRANSMITTER. P/N changed to VT061-5 and Vendor VDO deleted and Vendor name changed to DIEHL.</p> <p>107. Page No. 1.5-10 (ITEM NO. 15) Nomenclature changed to WATER TANK CONTENT TRANSMITTER. Vendor VDO deleted and Vendor name changed to DIEHL.</p> <p>108. Page No. 1.5-10 (ITEM NO. 17) Nomenclature changed to WATER QTY. INDICATOR. Vendor VDO deleted and Vendor name changed to DIEHL.</p> <p>109. Page No. 1.5-10 (ITEM NO. 18) is from Page No. 1.5-21-Item No. 40 with Nomenclature U.L.B. due to change of CMM Reference No. to 25-62-01, Vendor Name changed to L3 AVIATION PRODUCT.</p> <p>110. Page No. 1.5-11 (ITEM NO. 1) Nomenclature changed to GAUGE PR. SWITCH, ATA/CMM reference changed to 49-90-2 and Vendor Name changed to CUSTOM COMPONENT.</p>

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				<p>111. Page No. 1.5-11 (ITEM NO. 2) Nomenclature changed to GAUGE PR. SWITCH and Vendor Name changed to CUSTOM COMPONENT.</p> <p>112. Page No. 1.5-11 (ITEM NO. 3) Nomenclature changed to LOW OIL PRESSURE SWITCH and Vendor Name changed to HONEYWELL.</p> <p>113. Page No. 1.5-11 (ITEM NO. 4) Vendor Name changed to HONEYWELL.</p> <p>114. Page No. 1.5-11 (ITEM NO. 5) Vendor Name changed to HONEYWELL.</p> <p>115. Page No. 1.5-11 (ITEM NO. 6) Vendor Name changed to HONEYWELL.</p> <p>116. Page No. 1.5-11 (ITEM NO. 7) Vendor Name changed to HONEYWELL.</p> <p>117. Page No. 1.5-11 (ITEM NO. 8) Nomenclature changed to PRESSURE SENSOR and Vendor Name changed to HONEYWELL.</p> <p>118. Page No. 1.5-11 (ITEM NO. 9) Nomenclature changed to PRESSURE SENSOR (TOTAL) and Vendor Name changed to HONEYWELL.</p> <p>119. Page No. 1.5-11 (ITEM NO. 10) Nomenclature changed to DIFFERENTIAL PRESSURE TRNASDUCER and Vendor Name changed to HONEYWELL.</p> <p>120. Page No. 1.5-11 (ITEM NO. 11) Nomenclature changed to TEMP. SENSOR OIL and Vendor Name changed to HONEYWELL.</p> <p>121. Page No. 1.5-11 (ITEM NO. 17) Nomenclature changed to P3/T3 SENSOR and Vendor EARCO deleted, Vendor Name changed to IAE.</p> <p>122. Page No. 1.5-11 (ITEM NO. 18) Nomenclature changed to THROTTLE CONTROL UNIT and Vendor Name changed to FLY-BY-WIRE.</p> <p>123. Page No. 1.5-11 (ITEM NO. 20) Nomenclature changed to LOW FUEL PR. DIFF. SWITCH.</p> <p>124. Page No. 1.5-12 (ITEM NO. 21) Nomenclature changed to DIFFERENTIAL PR. SWITCH and ATA/CMM REFERENCE changed to 73-14-02, Vendor Name changed to PRATT & WHITNEY.</p> <p>125. Page No. 1.5-12 (ITEM NO. 22) Nomenclature changed to FLOWMETER IND and</p>

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				<p>Vendor Name changed to AMETEK.</p> <p>126. Page No. 1.5-12 (ITEM NO. 23) Nomenclature changed to FLOWMETER POWER SUPPLY and Vendor Name changed to AMETEK.</p> <p>127. Page No. 1.5-12 (ITEM NO. 24) Nomenclature changed to FLOWMETER POWER SUPPLY and Vendor Name changed to AMETEK.</p> <p>128. Page No. 1.5-12 (ITEM NO. 25) EPR INDICATOR - P/N changed to 2045-05-1 and Vendor Name changed to GE AVIATION.</p> <p>129. Page No. 1.5-12 (ITEM NO. 26) EPR INDICATOR - P/N changed to 2045-06-1 and Vendor Name changed to GE AVIATION.</p> <p>130. Page No. 1.5-12 (ITEM NO. 29) Nomenclature changed to THERMOCOUPLE TEMP. INDICATOR and Vendor Name changed to HORIZON AEROSPACE.</p> <p>131. Page No. 1.5-12 (ITEM NO. 30) Nomenclature changed to THERMOCOUPLE TEMP. INDICATOR and Vendor Name changed to HORIZON AEROSPACE.</p> <p>132. Page No. 1.5-12 (ITEM NO. 37) Nomenclature changed to TACHOMETER IND. and Vendor Name changed to AMETEK.</p> <p>133. Page No. 1.5-12 (ITEM NO. 38) Nomenclature changed to TACHOMETER IND. and Vendor Name changed to AMETEK.</p> <p>134. Page No. 1.5-12 (ITEM NO. 39) Nomenclature changed to TACHOMETER IND. and Vendor Name changed to AMETEK.</p> <p>135. Page No. 1.5-12 (ITEM NO. 41) Nomenclature changed to PR. RATIO INDICATOR.</p> <p>136. Page No. 1.5-12 (ITEM NO. 43) Nomenclature changed to PR. RATIO TRANSMITTER.</p> <p>137. Page No. 1.5-13 (ITEM NO. 44) Nomenclature changed to EGT INDICATOR, Vendor Name changed to AMETEK.</p> <p>138. Page No. 1.5-13 (ITEM NO. 45) Nomenclature changed to EGT INDICATOR, Vendor Name changed to AMETEK</p> <p>139. Page No. 1.5-13 (ITEM NO. 46) Vendor NEODYN deleted and Vendor Name changed</p>

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				<p>to ITT.</p> <p>140. Page No. 1.5-13 (ITEM NO. 47) Nomenclature changed to GAUGE PRESSURE SWITCH and Vendor Name changed to CUSTOM COMPONENT.</p> <p>141. Page No. 1.5-13 (ITEM NO. 49) Nomenclature changed to LOW OIL PRESSURE SWITCH.</p> <p>142. Page No. 1.5-13 (ITEM NO. 50) Nomenclature changed to SCAVENGE FILTER PR. SWITCH.</p> <p>143. Page No. 1.5-13 (ITEM NO. 52) Nomenclature changed to LIQUID QTY. ENG. OIL TRANSMITTER and Vendor Name changed to BF GOODRICH.</p> <p>144. Page No. 1.5-13 (ITEM NO. 53) Nomenclature changed to LIQUID QUANTITY INDICATOR and Vendor Name changed to BF GOODRICH.</p> <p>145. Page No. 1.5-13 (ITEM NO. 54) Nomenclature changed to LIQUID QUANTITY INDICATOR and Vendor Name changed to BF GOODRICH.</p> <p>146. Page No. 1.5-13 (ITEM NO. 56) Nomenclature changed to PR. DIFFERENTIAL TRANSMITTER.</p> <p>147. Page No. 1.5-13 (ITEM NO. 59) Nomenclature changed to OIL FILTER DIFF. PR. SWITCH and Vendor Name changed to CUSTOM COMPONENT.</p> <p>148. Page No. 1.5-13 (ITEM NO. 62) Nomenclature changed to OIL QTY. TRANSMITTER and Vendor Name changed to RAGEN DATA SYS.</p> <p>149. Page No. 1.5-13 (ITEM NO. 63) Nomenclature changed to DIFFERENTIAL PR. TRANSDUCER.</p> <p>150. Page No. 1.5-13 (ITEM NO. 64) Nomenclature changed to PRESSURE SWITCH and Vendor Name changed to CUSTOM COMPONENT.</p> <p>151. Page No. 1.5-14 (ITEM NO. 1) Nomenclature changed to TRANSMITTER, CONTROL SURFACE POSTION.</p> <p>152. Page No. 1.5-14 (ITEM NO. 2) Nomenclature changed to TRANSMITTER, FLAP</p>

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				<p>POSITION AND STALL WARNING.</p> <p>153. Page No. 1.5-14 (ITEM NO. 3) Nomenclature changed to TRANSMITTER, FLAP POSITION.</p> <p>154. Page No. 1.5-14 (ITEM NO. 5) Nomenclature changed to SURFACE POSITION INDICATOR and Vendor Name changed to AMETEK.</p> <p>155. Page No. 1.5-14 (ITEM NO. 8) Nomenclature changed to SIDE STICK TRNASDUCER UNIT and Vendor Name changed to LORD.</p> <p>156. Page No. 1.5-14 (ITEM NO. 9) Nomenclature changed to SPPED BRAKE CONTROL TRANSDUCER UNIT and Vendor Name changed to FLY-BY-WIRE.</p> <p>157. Page No. 1.5-14 (ITEM NO. 10) Vendor Name changed to LORD.</p> <p>158. Page No. 1.5-14 (ITEM NO. 11) Vendor Name changed to LORD.</p> <p>159. Page No. 1.5-14 (ITEM NO. 12) P/N changed to 342300 Series and Vendor Name changed to LORD.</p> <p>160. Page No. 1.5-14 (ITEM NO. 13) Nomenclature changed to ROTARY SERVO ACTUATOR.</p> <p>161. Page No. 1.5-14 (ITEM NO. 14) Nomenclature changed to COMMAND SENSOR UNIT and Vendor Name changed to LIE BHERR.</p> <p>162. Page No. 1.5-14 (ITEM NO. 15) Nomenclature changed to SIDE STICK ASSEMBLY and P/N changed to D273 SERIES / D955 SERIES / F273 SERIES / F955 SERIES.</p> <p>163. Page No. 1.5-15 (ITEM NO. 16) Nomenclature changed to ACCELEROMETER UNIT and Vendor Name changed to THALES.</p> <p>164. Page No. 1.5-15 (ITEM NO. 17) Nomenclature changed to ELECTROMECHANICAL LINEAR ACTUATOR and Vendor name changed to PLESSEY.</p> <p>165. Page No. 1.5-16 (ITEM NO. 1) Nomenclature changed to TANK UNIT and Vendor Name changed to ONTIC.</p> <p>166. Page No. 1.5-16 (ITEM NO. 5) Nomenclature changed to LEVEL SENSORS and Vendor</p>

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				<p>Name changed to SIMMONDS PRECISION.</p> <p>167. Page No. 1.5-16 (ITEM NO. 6) Nomenclature changed to TEMP. SENSORS / DUAL TEMP. SENSOR and Vendor Name changed to SIMMONDS PRECISION.</p> <p>168. Page No. 1.5-16 (ITEM NO. 8) Nomenclature changed to LIQUID QTY. COMPENSATOR and Vendor Name changed to GOODRICH.</p> <p>169. Page No. 1.5-16 (ITEM NO. 9) Nomenclature changed to LIQUID QTY. TRANSMITTER and Vendor Name changed to BF GOODRICH.</p> <p>170. Page No. 1.5-16 (ITEM NO. 16) Vendor Name changed to GOODRICH.</p> <p>171. Page No. 1.5-16 (ITEM NO. 17) Nomenclature changed to PRESSURE SWITCH and Vendor Name changed to CUSTOM COMPONENT.</p> <p>172. Page No. 1.5-16 (ITEM NO. 19) Nomenclature changed to PRESSURE SWITCH, P/N CHANGED TO 42D275-1 and Vendor Name changed to CUSTOM COMPONENT.</p> <p>173. Page No. 1.5-16 (ITEM NO. 20) Nomenclature changed to PRESELECTOR ASSEMBLY, and Vendor Name changed to GE AVIATION.</p> <p>174. Page No. 1.5-16 (ITEM NO. 21) Nomenclature changed to PRESSURE SWITCH and Vendor Name changed to EATON.</p> <p>175. Page No. 1.5-17 (ITEM NO. 23) Nomenclature changed to PRESSURE SWITCH.</p> <p>176. Page No. 1.5-17 (ITEM NO. 24) Nomenclature changed to PRESSURE SWITCH.</p> <p>177. Page No. 1.5-17 (ITEM NO. 25) Nomenclature changed to PRESSURE SWITCH and Vendor Name changed to HOWDEN WADE.</p> <p>178. Page No. 1.5-17 (ITEM NO. 26) Nomenclature changed to APU FUEL LOW PRESSURE SWITCH.</p> <p>179. Page No. 1.5-17 (ITEM NO. 27) Nomenclature changed to APU PRESSURE SWITCH.</p> <p>180. Page No. 1.5-18 (ITEM NO. 1) Nomenclature changed to PRESSURE SWITCH, ATA/CMM REFERENCE changed to 32-41-01 and Vendor Name changed to ITT.</p> <p>181. Page No. 1.5-18 (ITEM NO. 2) Nomenclature changed to PRESSURE SWITCH, Vendor</p>

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				<p>Name changed to ITT.</p> <p>182. Page No. 1.5-18 (ITEM NO. 4) Nomenclature changed to HYDRAULIC PRESSURE SWITCH, TYPE 1 and Vendor Name changed to EME.</p> <p>183. Page No. 1.5-18 (ITEM NO. 5) Nomenclature changed to HYDRAULIC PRESSURE SWITCH, TYPE 2 and Vendor Name changed to EME.</p> <p>184. Page No. 1.5-18 (ITEM NO. 6) Nomenclature changed to PRESSURE SWITCH and Vendor Name changed to CUSTOM COMPONENT.</p> <p>185. Page No. 1.5-18 (ITEM NO. 8) Nomenclature changed to HYD. OIL QTY. INDICATOR, P/N changed to B711-3/-6 and Vendor Name changed to BF GOODRICH.</p> <p>186. Page No. 1.5-18 (ITEM NO. 9) Nomenclature changed to LOW LEVEL SWITCH.</p> <p>187. Page No. 1.5-18 (ITEM NO. 10) Vendor Name changed to UTC.</p> <p>188. Page No. 1.5-18 (ITEM NO. 13) Nomenclature changed to LIQUID QTY. TRANSMITTER and Vendor Name changed to BF GOODRICH.</p> <p>189. Page No. 1.5-18 (ITEM NO. 14) Nomenclature changed to PRESSURE SWITCH.</p> <p>190. Page No. 1.5-18 (ITEM NO. 15) Nomenclature changed to PRESSURE SWITCH.</p> <p>191. Page No. 1.5-18 (ITEM NO. 17) Nomenclature changed to TEMPERATURE TRANSDUCER / SWITCH and Vendor Name changed to DIEHL.</p> <p>192. Page No. 1.5-18 (ITEM NO. 18) Nomenclature changed to TEMPERATURE TRANSDUCER / SWITCH and Vendor Name changed to DIEHL.</p> <p>193. Page No. 1.5-18 (ITEM NO. 19) Nomenclature changed to HYDRAULIC RESERVOIR QTY. INDICATOR , P/N changed to VT477/-1/-X and Vendor Name changed to DIEHL.</p> <p>194. Page No. 1.5-18 (ITEM NO. 20) Nomenclature changed to HYDRAULIC RESERVOIR QTY. INDICATOR , P/N changed to VT477-2/-3/-X and Vendor Name changed to DIEHL.</p> <p>195. Page No. 1.5-19 (ITEM NO. 4) Nomenclature changed to FREQUENCY METER, Vendor Name changed to ROGESON KRATOS.</p>

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				<p>196. Page No. 1.5-19 (ITEM NO. 5) Nomenclature changed to INDICATOR, A.C. AMMETER and Vendor Name changed to ROGESON KRATOS.</p> <p>197. Page No. 1.5-19 (ITEM NO. 6) Nomenclature changed to INDICATOR TEMPERATURE and Vendor Name changed to ROGESON KRATOS.</p> <p>198. Page No. 1.5-19 (ITEM NO. 8) Nomenclature changed to ELECTRICAL RESISTANCE THERMOMETER and Vendor Name changed to ULTRA ELECTRONICS.</p> <p>199. Page No. 1.5-19 (ITEM NO. 9) Nomenclature changed to ELECTRICAL RESISTANCE THERMOMETER and Vendor Name changed to ULTRA ELECTRONICS.</p> <p>200. Page No. 1.5-19 (ITEM NO. 11) Nomenclature changed to FLIGHT DATA RECORDER and Vendor name changed to L3 AVIATION PRODUCTS.</p> <p>201. Page No. 1.5-19 (ITEM NO. 15) Nomenclature changed to STALL WARNING COMPUTER MODULE. P/N changed to 3052600-2.</p> <p>202. Page No. 1.5-19 (ITEM NO. 16) Nomenclature changed to FULL COLOUR DISPLAY UNIT. Vendor SEXTANT deleted and Vendor name changed to THALES.</p> <p>203. Page No. 1.5-20 (ITEM NO. 33) Nomenclature changed to PTA-45B DATA PRINTER and Vendor Name changed to HONEYWELL.</p> <p>204. Page No. 1.5-20 (ITEM NO. 35) Nomenclature changed to CLOCK MECHANICAL AIRCRAFT.</p> <p>205. Page No. 1.5-20 (ITEM NO. 36) Nomenclature changed to THREE AXIS ACCELEROMETER and Vendor Name changed to HONEYWELL.</p> <p>206. Page No. 1.5-21 (ITEM NO. 40) – U.L.B shifted to Page No. 1.5-10 (ITEM NO. 18) due to change of CMM Reference No. to 25-62-01. Serial Nos. are changed accordingly.</p> <p>207. Page No. 1.5-21 (ITEM NO. 42) S.S.F.D.R. - P/N changed to S703-1000-().</p> <p>208. Page No. 1.5-21 (ITEM NO. 43) Nomenclature changed to DUAL SYNCHRO INDICATOR and Vendor Name changed to AMETEK.</p> <p>209. Page No. 1.5-21 (ITEM NO. 44) Vendor Name changed to AMETEK.</p>

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				<p>210. Page No. 1.5-21 (ITEM NO. 45) Nomenclature changed to DUAL SYNCHRO INDICATOR and Vendor Name changed to AMETEK.</p> <p>211. Page No. 1.5-21 (ITEM NO. 46) ATA/CMM REFERENCE changed to 31-03-01. Vendor name changed to AMETEK.</p> <p>212. Page No. 1.5-21 (ITEM NO. 47) ATA/CMM REFERENCE changed to 31-02-01. Vendor name changed to AMETEK.</p> <p>213. Page No. 1.5-21 (ITEM NO. 48) Nomenclature changed to MULTI PURPOSE SYNCHRO TX., ATA/CMM REFERENCE changed to 31-02-02 and Vendor Name changed to AMETEK</p> <p>214. Page No. 1.5-22 (ITEM NO. 1) Nomenclature changed to TRIPLE PRESSURE INDICATOR and Vendor Name changed to THALES.</p> <p>215. Page No. 1.5-22 (ITEM NO. 2) Nomenclature changed to NOSE WHEEL STEERING CONTROLLER.</p> <p>216. Page No. 1.5-22 (ITEM NO. 3) Nomenclature changed to NOSE WHEEL STEERING CONTROLLER.</p> <p>217. Page No. 1.5-23 (ITEM NO. 1) Nomenclature changed to ALTITUDE SWITCH and Vendor Name changed to PURITAN-BENNET.</p> <p>218. Page No. 1.5-23 (ITEM NO. 6) Nomenclature changed to STATIONARY CYLINDER AND VALVE ASSEMBLY, P/N changed to 891000 SERIES, ATA/CMM REFERENCE changed to 35-28-91 and Vendor Name changed to AVOX.</p> <p>219. Page No. 1.5-23 (ITEM NO. 10) Nomenclature changed to VALVE – SOLENOID, Vendor Name changed to ZODIAC AEROTECHNICS.</p> <p>220. Page No. 1.5-24 (ITEM NO. 20) Nomenclature changed to SMOKE MASK and Vendor Name changed to ZODIAC AEROTECHNICS.</p> <p>221. Page No. 1.5-24 (ITEM NO. 21) Nomenclature changed to FLIGHT CREW MASK STOWAGE, P/N changed to MXP400 SERIES and Vendor Name changed to ZODIAC</p>

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				<p>AEROTECHNICS.</p> <p>222. Page No. 1.5-24 (ITEM NO. 23) Vendor Name changed to INTER TECHNIQUE.</p> <p>223. Page No. 1.5-24 (ITEM NO. 24) Nomenclature changed to OXY. CONTAINER ASSEMBLY and Vendor Name changed to B/E AEROSPACE.</p> <p>224. Page No. 1.5-24 (ITEM NO. 25) Nomenclature changed to OXY. CONTAINER ASSEMBLY and Vendor Name changed to B/E AEROSPACE.</p> <p>225. Page No. 1.5-24 (ITEM NO. 26) Nomenclature changed to OXY. CONTAINER ASSEMBLY and Vendor Name changed to B/E AEROSPACE.</p> <p>226. Page No. 1.5-24 (ITEM NO. 27) Nomenclature changed to OXY. CONTAINER ASSEMBLY and Vendor Name changed to B/E AEROSPACE.</p> <p>227. Page No. 1.5-24 (ITEM NO. 28) Nomenclature changed to OXY. CONTAINER ASSEMBLY, P/N changed to A15H52/53/54/55 SERIES and Vendor Name changed to PURITAN BENNET.</p> <p>228. Page No. 1.5-24 (ITEM NO. 29) Nomenclature changed to OXY. MASK ASSEMBLIES</p> <p>229. Page No. 1.5-24 (ITEM NO. 30) Nomenclature changed to SWEEP-ON OXY. CREW MASK, P/N changed to 114020 SERIES, ATA/CMM Reference changed to 35-10-03 and Vendor Name changed to PURITAN BENNET.</p> <p>230. Page No. 1.5-25 (ITEM NO. 35) Nomenclature changed to DILUTER DEMAND OXYGEN REGULATOR ASESEMBLY.</p> <p>231. Page No. 1.5-25 (ITEM NO. 41) Nomenclature changed to PRESSURE TRANSDUCER and Vendor name changed to SPARTON.</p> <p>232. Page No. 1.5-26 (ITEM NO. 2) Nomenclature changed to TRANSDUCER-BLEED PRESSURE.</p> <p>233. Page No. 1.5-26 (ITEM NO. 3) Vendor Name changed to ESTERLINE.</p> <p>234. Page No. 1.5-27 (ITEM NO. 3) Vendor Name changed to DONALDSON.</p> <p>235. Page No. 1.5-27 (ITEM NO. 4) Vendor Name changed to IN-LHC.</p>

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				<p>236. Page No. 1.6-1 (ITEM No.1) HEADPHONE, Vendor changed to SENNHEISER.</p> <p>237. Page No. 1.6-1 (ITEM No.4) HEADSET, ATA/CMM Ref. changed to 23-43-21</p> <p>238. Page No. 1.6-1 (ITEM No.11) PA AMPLIFIER, ATA/CMM Ref. changed to 23-32-02</p> <p>239. Page No. 1.6-1 (ITEM No.17) HF TRANSCEIVER, ATA/CMM Ref. changed to 23-10-0</p> <p>240. Page No. 1.6-2 (ITEM No.37) SSCVR, Vendor name changed to L3 Communications</p> <p>241. Page No. 1.6-2 (ITEM No.40) A.M.U, P/N. changed to AMU2790CBXX</p> <p>242. Page No. 1.6-3 (ITEM No.43) SELCAL CONTROLLER, ATA/CMM Ref. changed to 23-20-02</p> <p>243. Page No. 1.6-3 (ITEM No.48) Vendor name changed to SENNHEISER</p> <p>244. Page No. 1.6-3 (ITEM No.51) SELCAL DECODER , ATA/CMM Ref. changed to 23-20-1</p> <p>245. Page No. 1.6-3 (ITEM No.54) Nomenclature changed to Handset, P/N changed to ST3100 Series, Vendor name changed to BECKER AVIONIC SYSTEMS</p> <p>246. Page No. 1.6-3 (ITEM No.55) HANDSET-B, Item no. 55 DELETED. Serial Nos. are changed accordingly.</p> <p>247. Page No. 1.6-4 (ITEM No.63) BOOM SET AIRMAN 750, ATA/CMM Ref. changed to F.01U.311.532</p> <p>248. Page No. 1.6-4 (ITEM No.69) WAVE GUIDE SWITCH, Vendor name changed to HONEYWELL.</p> <p>249. Page No. 1.6-4 (ITEM No.70) DUMMY LOAD , Vendor name changed to HONEYWELL</p> <p>250. Page No. 1.6-4 (ITEM No.76) WAVEGUIDE SWITCH , ATA/CMM Ref. changed to 59495</p> <p>251. Page No. 1.6-4 (ITEM No.79) ADF RECEIVER , ATA/CMM Ref. changed to 34-34-1</p> <p>252. Page No. 1.6-4 (ITEM No.81) MARKER RECEIVER , ATA/CMM Ref. changed to 34-36-0</p> <p>253. Page No. 1.6-5 (ITEM No.82) ADF LOOP ANTENNA , ATA/CMM Ref. changed to 34-33-3</p> <p>254. Page No. 1.6-5 (ITEM No.85) ADF CONTROLLER , ATA/CMM Ref. changed to 34-34-4</p> <p>255. Page No. 1.6-5 (ITEM No.93) DME 900, ATA/CMM Ref. changed to 34-52-94</p>

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				256. Page No. 1.6-5 (ITEM No.95) DME INTERROGATOR, ATA/CMM Ref. changed to 34-46-0 257. Page No. 1.6-5 (ITEM No.99) RADIO ALTIMETER , P/N changed to cover 9599-607-1494X. 258. Page No. 1.6-5 (ITEM No.102) EGPWC , ATA/CMM Ref. changed to 34-45-64 259. Page No. 1.6-6 (ITEM No.108) SENSE ANTENNA COUPLER , ATA/CMM Ref. changed to 34-53-3, Vendor name changed to HONEYWELL 260. Page No. 1.6-6 (ITEM No.110) MARKER ANTENNA , P/N changed to DM N27 Series, ATA/CMM Ref. changed to 34-30-01 261. Page No. 1.6-6 (ITEM No.111) RADAR CONTROLLER , Vendor name changed to GABLES ENGINEERING INC. 262. Page No. 1.6-6 (ITEM No.112) RADIO ALTIMETER INDICATOR , Vendor name changed to HONEYWELL. 263. Page No. 1.6-6 (ITEM No.115) RADAR ANTENNA FLAT PLATE , P/N changed to MI585460-000. 264. Page No. 1.6-6 (ITEM No.117) RADAR INDICATOR, Vendor name changed to HONEYWELL. 265. Page No. 1.6-6 (ITEM No.118) RADAR TRANSCEIVER , Vendor name changed to HONEYWELL. 266. Page No. 1.6-7 (ITEM No.124) EGPWC , ATA/CMM Ref. changed to 34-45-64 267. Page No. 1.6-7 (ITEM No.125) EGPWC , ATA/CMM Ref. changed to 34-45-64 268. Page No. 1.6-8 (ITEM No.1) ELT (RESCU-406), P/N changed to 1151324-1 Series 269. Page No. 1.6-8 (ITEM No.4) ELT (IMPACT) C406-2 SERIES, P/N changed to 453-5000/01, ATA/CMM Ref. 25-62-11 added. 270. Page No. 1.6-8 (ITEM No.5) Nomenclature changed to Voice Gun Electronic Megaphone, ATA/CMM Ref. changed to 91472002, Vendor name changed to FEDERAL

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				<p>SIGNALVAMA, S.A.</p> <p>271. Page No. 1.6-8 (ITEM No.10) MEGAPHONE , P/N changed to A3-06-1402 (ACR/EM-1A)</p> <p>272. Page No. 1.6-8 (ITEM No.12) ELT (C406-1 SERIES), ELT (B406-4 SERIES) - P/N changed to 453-5002/453-5003, 453-5004, ATA/CMM Ref. changed to 570-5001/570-5004 and CMM reference added 25-62-10 and 25-62-03 respectively.</p> <p>273. Page No. 1.6-9 (ITEM No.1) C.A. L , P/N changed to 35-0D5-100X.</p> <p>274. Page No. 1.7-1 (ITEM No.2) ECS PC, P/N 759A0000-08/-09/-10 DELETED</p> <p>275. Page No. 1.7-1 (ITEM No.3) ECS ZC, P/N 775A0000-08 DELETED. Serial Nos. are changed accordingly.</p> <p>276. Page No. 1.7-2 (ITEM No.2) FAC, P/N B397BAM 0407, B397BAM 0510, B397CAM01XX DELETED.</p> <p>277. Page No. 1.7-2 (ITEM No.6) FMGC, P/N B398BCM 01XX DELETED</p> <p>278. Page No. 1.7-3 (ITEM No.2) CDU, P/N CG1151AC03 DELETED</p> <p>279. Page No. 1.7-3 (ITEM No.3) ADIRU, P/N HG1150AC05, HG1150AC06, HG1150AC07 DELETED</p> <p>280. Page No. 1.7-3 (ITEM No.4) ADM, P/N PG1152AC03 DELETED. Serial Nos. are changed accordingly.</p> <p>281. Page No. 1.7-5 (ITEM No.2) APU ECB, P/N 304640-3 DELETED</p> <p>282. Page No. 1.7-5 (ITEM No.3) EIU, P/N 39579852-03, 39579852-05 DELETED</p> <p>283. Page No. 1.7-5 (ITEM No.4) EEC, P/N 798300-XX-52 DELETED</p> <p>284. Page No. 1.7-5 (ITEM No.8) EVMU, P/N 241-211-000-021 DELETED. Serial Nos. are changed accordingly.</p> <p>285. Page No. 1.7-6 (ITEM No.1) FCDC - P/N 115370-01-XX DELETED. Serial Nos. are changed accordingly.</p> <p>286. Page No. 1.7-6 (ITEM No.3) ELAC, P/N 3945122502 TO -505, 3945122506, 3945123505, 3945123506 DELETED</p>

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				<p>287. Page No. 1.7-6 (ITEM No.5) SFCC, P/N 49-117-07 , 49-117-09 , 49-117-10 DELETED</p> <p>288. Page No. 1.7-7 (ITEM No.2) FQIC, P/N SIC505904-XXXX DELETED</p> <p>289. Page No. 1.7-7 (ITEM No.3) FQIC, P/N SIC5059-11-XXXX DELETED</p> <p>290. Page No. 1.7-7 (ITEM No.5) FQIS-I, P/N 1407K1D0101,1407K1D0102,1407K1DC102 DELETED. Serial Nos. are changed accordingly</p> <p>291. Page No. 1.7-8 (ITEM No.2) CFDIU, P/N B401ACM05XX DELETED</p> <p>292. Page No. 1.7-8 (ITEM No.4) FWC, P/N 35-0E0-1724XXXX, 35-0E0-1727XXXX, 35-0E0-1831XXXX DELETED</p> <p>293. Page No. 1.7-8 (ITEM No.6) SDAC, P/N 350E515XXXX and 350E516XXXX DELETED</p> <p>294. Page No. 1.7-8 (ITEM No.8) DMC, P/N 96153250-XX DELETED</p> <p>295. Page No. 1.7-8 (ITEM No.11) DU, P/N 3906130302 DELETED. Serial Nos. are changed accordingly</p> <p>296. Page No. 1.7-8 (ITEM No.12) DMU, P/N 903116243-XXXXXX DELETED</p> <p>297. Page No. 1.7-8 (ITEM No.13) FDIU, P/N ED43A1D2, ED43A1D3, ED43A1D4, ED43A1D5, ED43A1D6 DELETED</p> <p>298. Page No. 1.7-10 (ITEM No.2) BSCU, P/N C202452XXXXXX DELETED</p> <p>299. Page No. 1.7-10 (ITEM No.3) BSCU, P/N C202163 XXXXXX DELETED</p> <p>300. Page No. 1.7-11 (ITEM No.2) BMC, P/N 785-002-5,785-002-6,785-002-61C, 785-002-7 DELETED</p> <p>301. Page No. 1.7-12 (ITEM No.2) PHC, P/N 1663214301 DELETED</p> <p>302. Page No. 1.7-12 (ITEM No.3) WHC, P/N 6664202-4 DELETED</p> <p>303. Page No. 1.7-12 (ITEM No.4) WHC, P/N 6664287-0 DELETED</p> <p>304. Page No. 2.5-1 (ITEM NO. 6) TEMP SENSOR – P/N 764B0000 - 01 is changed to P/N 764B0000 – 01/02 added, Typographical Error in Vendor name corrected to LIEBHERR.</p> <p>305. Page No. 2.5-1 (ITEM NOS. 4,5,7,8,9) TEMP SENSOR, PRESSURE SENSOR, PACK</p>

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				<p>INLET PRESSURE SENSOR – P/N 763A0000 – 02/03, 764A0000-02/03, 772A0000 – 01/02, 9104A0005 – 01, 9104A0009 – 02 - Typographical Error in Vendor name corrected to LIEBHERR.</p> <p>306. Page No. 2.5-1 (ITEM NO. 12) TEMPERATURE SENSOR – P/N – 9105A0XXX Series – Typographical Error in Vendor name corrected to LIEBHERR.</p> <p>307. Page No. 2.5-2 (ITEM NO. 1) PRESSURE SWITCH – P/N HTE69000 – 1 – Vendor Name changed to EATON.</p> <p>308. Page No. 2.5-4 (ITEM NO. 1) – FLIGHT DATA ACQUISITION UNIT P/N changed to 2222601 AND Vendor name changed to TELEDYNE CONTROLS.</p> <p>309. Page No. 2.5-4 (ITEM NO. 2) – FLIGHT DATA ENTRY PANEL P/N No. 2223574, Vendor name changed to TELEDYNE CONTROLS.</p> <p>310. Page No. 2.5-4 (ITEM NO. 3) – P/N No. 2100-XXXX –SERIES Nomenclature changed to FLIGHT DATA RECORDER and Vendor name changed to L3 AVIATION PRODUCTS.</p> <p>311. Page No. 2.5-4 (ITEM NO. 5 & 6) – P/N No. 2245677-90640 and D51557 (OPTICAL QAR DISK) DELETED.</p> <p>312. Page No. 2.5-5 (ITEM NO. 1) - P/N – 64050-866-1 - Nomenclature changed to AIRSPEED INDICATOR and Vendor Name changed to THALES.</p> <p>313. Page No. 2.5-5 (ITEM NO. 6) STANDBY ASI, P/N – WL246AS-MS – Vendor Name changed to GE AVIATION</p> <p>314. Page No. 2.5-5 (ITEM NO. 7)) – P/N – 0851HL - Nomenclature changed to PITOT TUBE</p> <p>315. Page No. 2.5-6 (ITEM NO. 1) – ALTITUDE SWITCH P/N changed to 101809-XX, ATA/CMM Reference No. changed to 35-10-90 and Vendor name changed to BE AEROSPACE.</p> <p>316. Page No. 2.5-6 (ITEM NO. 2) – OXY. MASK ASSY. P/N – 114019–Series - Vendor name changed to PURITAN-BENNETT AERO SYSTEMS CO.</p>

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				<p>317. Page No. 2.5-6 (ITEM NO. 4 to 6) – Nomenclature changed for P/N 3552-Series, 5500-Series, 5600-Series to PORTABLE OXYGEN CYLINDER ASSEMBLY and vendor name changed to ZODIAC AEROSPACE.</p> <p>318. Page No. 2.5-6 (ITEM NO. 7) – P/N changed to 801160-00 to 04, Nomenclature changed to REGULATOR ASSEMBLY and Vendor name changed to ZODIAC AEROSPACE.</p> <p>319. Page No. 2.5-6 (ITEM NO. 8) – OXY. DEMAND REGU. - P/N 801242-02 - Vendor name changed to ZODIAC AEROSPACE.</p> <p>320. Page No. 2.5-6 (ITEM NO. 10) – P/N – 801308-14 - Nomenclature changed to VALVE ASSEMBLY, ATA/CMM REFERENCE NO. changed to 35-28-91 and Vendor name changed to AVOX.</p> <p>321. Page No. 2.5-6 (ITEM NO. 11) – P/N changed to 891000 Series, Nomenclature changed to STATIONARY CYLINDER and Vendor name changed to AVOX SYSTEM INC.</p> <p>322. Page No. 2.5-7 (ITEM NO. 12) – Nomenclature changed to CYLINDER AND VALVE ASSEMBLY P/N No. 897-SERIES and Vendor name changed to AVOX SYSTEM INC.</p> <p>323. Page No. 2.5-7 (ITEM NO. 13 to 14) – Nomenclature changed to PORTABLE CYLINDER ASSEMBLY for P/N No. 9700-SERIES and 9800-SERIES and Vendor name changed to ZODIAC AEROSPACE.</p> <p>324. Page No. 2.5-7 (ITEM NO. 15) – P/N No.change to E28180-Series, Nomenclature changed to PROTECTIVE BREATHING EQUIPMENT (OXY CREW) and Vendor name changed to BE AEROSPACE.</p> <p>325. Page No. 2.5-7 (ITEM NO. 16) – Nomenclature PRESSURE SWITCH P/N No. CMK 80 – 01, Vendor name changed to ZODIAC INTERTECHNIQUE.</p> <p>326. Page No. 2.5-7 (ITEM NO. 17) –Nomenclature PRESSURE REGULATOR TRANSMITTER P/N No. RCF 67 – SERIES, Vendor name changed to ZODIAC AEROTECHNICS.</p> <p>327. Page No. 2.5-7 (ITEM NO. 18) – P/N No. changed to DVE 90 – XX –</p>

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				<p>SERIES, Nomenclature changed to VALVE – SOLENOID and Vendor name changed to ZODIAC AEROTECHNICS.</p> <p>328. Page No. 2.5-7 (ITEM NO. 20) – FLIGHT CREW MASK STOWAGE ,P/N MXP 801-SERIES changed to P/N MXP 800-SERIES and Vendor name changed to ZODIAC AEROTECHNICS.</p> <p>329. Page No. 2.5-7 (ITEM NO. 23) – REGULATOR ASSEMBLY P/N No. RMC 2000 SERIES and RMC 2100 SERIES, Vendor name changed to ZODIAC AEROSPACE.</p> <p>330. Page No. 2.5-8 (ITEM NO. 1) – DIFFERENTIAL PRESSURE SWITCH P/N No. 1266-100, Vendor name changed to ZODIAC AEROSPACE.</p> <p>331. Section 4.8 page 1, all items (AIRCRAFT BATTERY P/N: 23180 & 10-60707-20 and BATTERY P/N: 2758) deleted.</p> <p>332. Section 3.3 page 3, item no 1: CHECK VALVE (P/N: 986F12 / L96H15-501) added as it was inadvertently deleted in previous revision.</p>

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ISSUE 2	REV 2	12 MAY 2021	06 SEP 2021	Section 4.1 page 1, Rating C9 and C20 added.
				Section 4.6 page 2 (ITEM NO. 8), P1 SEAT ASSEMBLY, P/N: 3A063-0079 SERIES added.
				Section 4.6 page 2 (ITEM NO. 9), P2 SEAT ASSEMBLY, P/N: 3A063-0080 SERIES added.
				Section 4.6 page 3 & 4 (ITEM NO. 6 to 20), Nomenclature - FIRE EXTINGUISHER added with following Part Nos.: 1. P/N: 472420 2. P/N: 472088P/N: 472412 3. P/N: 1708337B4 4. P/N: 33600005-X 5. P/N: 34100005-X 6. P/N: 34600016/34600017/34600025-X 7. P/N: 863521-XX 8. P/N: BA24320X-X 9. P/N: 86176007 10. P/N: 34600049/34600089-X 11. P/N: A800100, A825100, A826300, A86700, G800100, G825100, G826300 G826700, 474276 & 474453 12. P/N: 466040, 466090, 898052 13. P/N: 74-XX 14. P/N: 840105, 870317, 871685, 890017, 890275, 891318, 892480, 893948 Further due to above additions, the contents are shifted to next page.
Section 4.6 page 8 under rating – C18 : DE-ICER SYSTEM added with: (ITEM NO. 1) - ATR-72 WING AND STABILIZER DE-ICER BOOTS P/N: 32158 SERIES, 32172 SERIES, 32P172 SERIES, 52SP172 SERIES added. (ITEM NO. 2) - PW ENGINE DE-ICER BOOTS P/N: 31P172-27-1, 31P172-32-1, 31P172-33-1, 31P172-35-1, 31P158XX-X SERIES added.				
				Section 4.6 page 9, New rating – C20 : STRUCTURES added with: (ITEM NO. 1) - ATR-72 WING LE AND STABILIZER LE P/N: S5517200000XXX, S00410XXXXXXXX, S57410XXXXXXXX, S57412XXXXXXXX, S57415XXXXXXXX, R61004XXXXXXXX added. (ITEM NO. 2) - PW ENGINE AIR INTAKE ASSEMBLY P/N: S54112759XXXXX,

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ISSUE 2	REV 2	12 MAY 2021	06 SEP 2021	S5411265600XXX, S5411267000XXX added.
				Section 4.7 page 2 (ITEM NO. 13), BATTERY, P/N: 442CH1 added.
				Section 4.7 page 2 (ITEM NO. 14), BATTERY, P/N: 2726CH1 added.
				Section 4.7 page 7 (ITEM NO. 21), BATTERY PACK EPSU, P/N: 726-0591-01 added.
				Section 4.7 page 7 (ITEM NO. 22), LANDING LIGHT, P/N: 4213989, 4292915, 4319586 added.
				Section 4.7 page 7 (ITEM NO. 23), WING ICING INSP. LT (LH & RH), P/N: 4213699, 4285098, 4213705, 4285104 added.
				Section 4.7 page 7 (ITEM NO. 24), WING ICING INSP. LT (LH & RH), P/N: 4267828 & 4267812 added.
				Section 4.9 page 1 (ITEM NO. 10), THERMAL SWITCH, P/N: 784-717-2, 785-403 added.
				Section 4.9 page 11, Rating : C7 : Engine added with APU. (ITEM NO. 1) - OIL PRESSURE SWITCH, P/N: 1156-100 added.
				Section 4.9 page 12, unedr rating – C9 : FUEL - AIRFRAME added with: (ITEM NO. 1) – FUEL PRESSURE SWITCH P/N: 1153-XXX added.
	Section 4.9 page 13, under rating – C18 : PROTECTION – ICE/RAIN/FIRE added with: (ITEM NO. 1) – AIR PRESSURE SWITCH P/N: 1304-000 added.			
	Section 4.10 page 2 (ITEM NO. 12), HEAD PHONE, P/N: 95-06-XXXXX-06 added.			
	REV 3	31 MAR 2022	07 APR 2022	Section 2.3 page 1 (ITEM 1), PRIMARY HEAT EXCHANGER, P/N: 753A0000-XX, 753B0000-02, 753C0000-XX DELETED.
Section 2.3 page 1 (ITEM 2), MAIN HEAT EXCHANGER, P/N: 754A0000-03, 754C0000-01 DELETED.				
Section 2.3 page 1 (ITEM 3), REHEATER, P/N: 755A0000-04, 755B0000-02, 755C0000-01 DELETED.				
				Section 2.3 page 1 (ITEM 4), CONDENSER, P/N: 756A0000-XX DELETED.
				Section 2.3 page 4 (ITEM 1), APU OIL COOLER (A321), P/N: 160494-1 DELETED.
				Section 2.3 page 4 (ITEM 2), APU OIL COOLER (A320), P/N: 3880799-1 DELETED.
				Section 2.4 page 5 (ITEM 15), DOOR SILL LATCH, P/N: A257711020XXXX DELETED, and S/N of subsequent items changed.
				Section 2.4 page 11 (ITEM 1), SEAT MOUNTED EMERGENCY LIGHT, P/N: 10-1288-XX

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ISSUE NO.	REV. NO.	DATE OF REVISION	EFFECTIVE DATE	BRIEF DESCRIPTION OF CHANGES
ISSUE 2	REV 3	31 MAR 2022	07 APR 2022	<p>DELETED, and S/N of subsequent itmes changed. Section 2.4 page 11 (ITEM 4), WALL MOUNTED EMERGENCY LIGHT, P/N: 10-1308-X DELETED, and S/N of subsequent items changed. Section 2.4 page 11 (ITEM 9), INSPECTION LIGHT, APU, P/N: 2LA002606-XX DELETED, and S/N of subsequent items changed. Section 2.4 page 13 (ITEM 24), EMERGENCY EXIT LIGHT POWER SUPPLY, P/N: 9005-42 DELETED, and S/N of subsequent items changed. Section 2.5 page 6 (ITEM 8), OXYGEM DEMAND REGULATOR, P/N: 801242-02 DELETED, and S/N of subsequent items changed.</p> <p>Section 3.3 page 3 (ITEM NO. 8), HP REGULATING VALVE, P/N: 6773E010000 AND 6773F/G* SERIES added. Section 3.3 page 3 (ITEM NO. 9), VALVE BLEED, P/N: 6774F/G* SERIES added. Section 3.3 page 4 (ITEM NO. 3), THREE & ONE-HALF INCH DIAMETER LOAD CONTROL VALVE, P/N: 3291432 SERIES added. Section 3.3 page 4 (ITEM NO. 4), 3.5 INCH DIAMETER APU BLEED AIR VALVE, P/N: 3291214 – 2 added. Section 3.3 page 5 (ITEM NO. 2), AIR TURBINE ENGINE STARTER, P/N: 3505582 SERIES added.</p> <p>Section 3.4 page 5 (ITEM NO. 1), TEMPERATURE LIMITING THERMOSTAT, P/N 341E030000 added due SB. Section 3.4 page 5 (ITEM NO. 4), TEMPERATURE CONTROL THERMOSTAT, P/N 342B050000 , CMM NO. 36-11-47 added due SB and Vendor name changed to LIEBHERR.</p> <p>Section 3.6 page 1 (ITEM NO. 4), CABIN TELEPHONE HAND SET, P/N changed to 89-01-07XXX SERIES.</p> <p>Section 6.1 page 1 Rating B3 APU-Honeywell 131-9A: Testing has been added in the capability of APU Centre, Kolkata Section 6.2 page 2 (ITEM NO. 8) APU Honeywell 131-9A: Testing has been included</p>






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PART 0		
GENERAL		REV
0.1-1	01-DEC-20	0
0.2-1	31-MAR-22	3
0.2-2	01-DEC-20	0
0.2-3	12-MAY-21	2
0.3-1	31-MAR-22	3
0.4-1	01-DEC-20	0
0.4-2	01-DEC-20	0
0.4-3	01-DEC-20	0
0.4-4	01-DEC-20	0
0.4-5	01-DEC-20	0
0.4-6	01-DEC-20	0
0.4-7	01-DEC-20	0
0.4-8	01-DEC-20	0
0.4-9	01-DEC-20	0
0.4-10	01-DEC-20	0
0.4-11	01-DEC-20	0
0.4-12	01-DEC-20	0
0.4-13	01-DEC-20	0
0.4-14	01-DEC-20	0
0.4-15	01-DEC-20	0
0.4-16	11-JAN-21	1

0.4-17	11-JAN-21	1
0.4-18	11-JAN-21	1
0.4-19	11-JAN-21	1
0.4-20	11-JAN-21	1
0.4-21	11-JAN-21	1
0.4-22	11-JAN-21	1
0.4-23	11-JAN-21	1
0.4-24	11-JAN-21	1
0.4-25	11-JAN-21	1
0.4-26	11-JAN-21	1
0.4-27	11-JAN-21	1
0.4-28	11-JAN-21	1
0.4-29	11-JAN-21	1
0.4-30	11-JAN-21	1
0.4-31	11-JAN-21	1
0.4-32	11-JAN-21	1
0.4-33	11-JAN-21	1
0.4-34	11-JAN-21	1
0.4-35	11-JAN-21	1
0.4-36	11-JAN-21	1
0.4-37	11-JAN-21	1
0.4-38	11-JAN-21	1
0.4-39	11-JAN-21	1

0.4-40	12-MAY-21	2
0.4-41	31-MAR-22	3
0.4-42	31-MAR-22	3
0.5-1	31-MAR-22	3
0.5-2	31-MAR-22	3
0.5-3	31-MAR-22	3
0.5-4	31-MAR-22	3
0.5-5	31-MAR-22	3
PART 1		
NORTHERN REGION		REV
1.1-1	01-DEC-20	0
1.2-1	01-DEC-20	0
1.3-1	01-DEC-20	0
1.3-2	01-DEC-20	0
1.3-3	01-DEC-20	0
1.3-4	01-DEC-20	0
1.3-5	01-DEC-20	0
1.3-6	01-DEC-20	0
1.3-7	01-DEC-20	0
1.3-8	01-DEC-20	0
1.3-9	01-DEC-20	0
1.3-10	01-DEC-20	0
1.3-11	01-DEC-20	0

<p>PREPARED BY</p>  <p>SIGNATURE</p> <p>NAME:</p> <p>DESIGNATION:</p> <p>एआई इंजीनियरिंग सर्विसेस लि. (प्रा.) AI Engineering Services Ltd. (HQ) सी.आर.ए. बिल्डिंग, CRA Building सफदरजंग एयरपोर्ट नई दिल्ली-110003 Safdarjung Airport, New Delhi-110003</p>	<p>CHECKED BY</p>   <p>SIGNATURE</p> <p>NAME:</p> <p>DESIGNATION:</p>	<p>APPROVED BY DGCA</p>  <p>DATE: 06/04/2022</p>  <p>SIGNATURE AND STAMP</p> <p>DIRECTOR OF AIRWORTHINESS (N.R.)</p>
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1.3-12	01-DEC-20	0
1.3-13	01-DEC-20	0
1.3-14	01-DEC-20	0
1.3-15	01-DEC-20	0
1.3-16	01-DEC-20	0
1.3-17	01-DEC-20	0
1.3-18	01-DEC-20	0
1.3-19	01-DEC-20	0
1.3-20	01-DEC-20	0
1.3-21	01-DEC-20	0
1.3-22	01-DEC-20	0
1.3-23	01-DEC-20	0
1.3-24	01-DEC-20	0
1.3-25	01-DEC-20	0
1.3-26	11-JAN-21	1
1.4-1	11-JAN-21	1
1.4-2	01-DEC-20	0
1.4-3	01-DEC-20	0
1.4-4	01-DEC-20	0
1.4-5	01-DEC-20	0
1.4-6	01-DEC-20	0
1.4-7	01-DEC-20	0
1.4-8	01-DEC-20	0

1.4-9	01-DEC-20	0
1.4-10	11-JAN-21	1
1.4-11	11-JAN-21	1
1.4-12	11-JAN-21	1
1.4-13	01-DEC-20	0
1.4-14	11-JAN-21	-
1.4-15	11-JAN-21	-
1.4-16	11-JAN-21	-
1.4-17	11-JAN-21	-
1.4-18	11-JAN-21	-
1.4-19	11-JAN-21	1
1.4-20	01-DEC-20	C
1.4-21	01-DEC-20	C
1.4-22	01-DEC-20	C
1.4-23	01-DEC-20	0
1.4-24	01-DEC-20	0
1.4-25	01-DEC-20	0
1.4-26	11-JAN-21	1
1.4-27	11-JAN-21	1
1.4-28	11-JAN-21	1
1.4-29	01-DEC-20	0
1.4-30	01-DEC-20	0
1.4-31	01-DEC-20	0

1.4-32	01-DEC-20	0
1.4-33	01-DEC-20	0
1.4-34	11-JAN-21	1
1.4-35	01-DEC-20	0
1.4-36	11-JAN-21	1
1.4-37	11-JAN-21	1
1.4-38	11-JAN-21	1
1.4-39	01-DEC-20	0
1.4-40	11-JAN-21	1
1.4-41	11-JAN-21	1
1.4-42	11-JAN-21	1
1.4-43	11-JAN-21	1
1.4-44	01-DEC-20	0
1.5-1	11-JAN-21	1
1.5-2	11-JAN-21	1
1.5-3	11-JAN-21	1
1.5-4	11-JAN-21	1
1.5-5	11-JAN-21	1
1.5-6	11-JAN-21	1
1.5-7	11-JAN-21	1
1.5-8	11-JAN-21	-
1.5-9	11-JAN-21	-
1.5-10	11-JAN-21	-

PREPARED BY

[Signature]

SIGNATURE

NAME:

DESIGNATION:

एआई एंजिनियरिंग सर्विसेस लि. (पु.)
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सफदरजंग एअरपोर्ट नई दिल्ली-110003
Safdarjung Airport, New Delhi-110003

CHECKED BY

[Signature]

RAMAN DEV

Quality

SIGNATURE

NAME: P-A

DESIGNATION:



APPROVED BY DGCA



[Signature]

DATE:

06/04/2022

SIGNATURE AND STAMP

DIRECTOR OF AIRWORTHINESS (N.R.)



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1.5-11	11-JAN-21	1
1.5-12	11-JAN-21	1
1.5-13	11-JAN-21	1
1.5-14	11-JAN-21	1
1.5-15	11-JAN-21	1
1.5-16	11-JAN-21	1
1.5-17	11-JAN-21	1
1.5-18	11-JAN-21	1
1.5-19	11-JAN-21	1
1.5-20	11-JAN-21	1
1.5-21	11-JAN-21	1
1.5-22	11-JAN-21	1
1.5-23	11-JAN-21	1
1.5-24	11-JAN-21	1
1.5-25	11-JAN-21	1
1.5-26	11-JAN-21	1
1.5-27	11-JAN-21	1
1.6-1	11-JAN-21	1
1.6-2	11-JAN-21	1
1.6-3	11-JAN-21	1
1.6-4	11-JAN-21	1
1.6-5	11-JAN-21	1
1.6-6	11-JAN-21	1

1.6-7	11-JAN-21	1
1.6-8	11-JAN-21	1
1.6-9	11-JAN-21	1
1.7-1	11-JAN-21	1
1.7-2	11-JAN-21	1
1.7-3	11-JAN-21	1
1.7-4	01-DEC-20	0
1.7-5	11-JAN-21	1
1.7-6	11-JAN-21	1
1.7-7	11-JAN-21	1
1.7-8	11-JAN-21	1
1.7-9	11-JAN-21	1
1.7-10	11-JAN-21	1
1.7-11	11-JAN-21	1
1.7-12	11-JAN-21	1
1.8-1	01-DEC-20	0
1.8-2	01-DEC-20	0
PART 2		
WESTERN REGION		REV
2.1-1	01-DEC-20	0
2.2-1	01-DEC-20	0
2.3-1	31-MAR-22	3
2.3-2	01-DEC-20	0

2.3-3	01-DEC-20	0
2.3-4	31-MAR-22	3
2.4-1	01-DEC-20	0
2.4-2	01-DEC-20	0
2.4-3	01-DEC-20	0
2.4-4	01-DEC-20	0
2.4-5	31-MAR-22	3
2.4-6	01-DEC-20	0
2.4-7	01-DEC-20	0
2.4-8	01-DEC-20	0
2.4-9	01-DEC-20	0
2.4-10	01-DEC-20	0
2.4-11	31-MAR-22	3
2.4-12	31-MAR-22	3
2.4-13	31-MAR-22	3
2.4-14	31-MAR-22	3
2.4-15	01-DEC-20	0
2.4-16	01-DEC-20	0
2.4-17	01-DEC-20	0
2.5-1	11-JAN-21	1
2.5-2	11-JAN-21	1
2.5-3	01-DEC-20	0
2.5-4	11-JAN-21	1

<p>PREPARED BY</p>  <p>SIGNATURE NAME: RAMAN DEV DESIGNATION: Director</p> <p><small>AI Engineering Services Ltd. (HQ) सी.आर.ए. बिल्डिंग, CCA Building सफदरजुंग एयरपोर्ट नई दिल्ली-110003 Safdarjung Airport, New Delhi-110003</small></p>	<p>CHECKED BY</p>  <p>SIGNATURE NAME: RAMAN DEV DESIGNATION: Director</p>	<p>APPROVED BY DGCA</p>  <p>DATE: 06/04/2022</p> <p>SIGNATURE AND STAMP DIRECTOR OF AIRWORTHINESS (N.R.)</p> 
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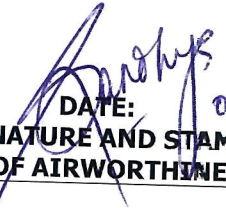
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2.5-5	11-JAN-21	1
2.5-6	31-MAR-22	3
2.5-7	31-MAR-22	3
2.5-8	11-JAN-21	1
2.6-1	01-DEC-20	0
2.6-2	01-DEC-20	0
2.6-3	01-DEC-20	0
2.6-4	01-DEC-20	0
2.7-1	01-DEC-20	0
2.7-2	01-DEC-20	0
2.7-3	01-DEC-20	0
2.7-4	01-DEC-20	0
2.7-5	01-DEC-20	0
2.8-1	01-DEC-20	0
PART 3		
EASTERN REGION		REV
3.1-1	01-DEC-20	0
3.2-1	01-DEC-20	0
3.3-1	01-DEC-20	0
3.3-2	01-DEC-20	0
3.3-3	31-MAR-22	3
3.3-4	31-MAR-22	3
3.3-5	31-MAR-22	3

3.4-1	01-DEC-20	0
3.4-2	01-DEC-20	0
3.4-3	01-DEC-20	0
3.4-4	01-DEC-20	0
3.4-5	31-MAR-22	3
3.4-6	01-DEC-20	0
3.4-7	01-DEC-20	0
3.4-8	01-DEC-20	0
3.5-1	01-DEC-20	0
3.5-2	01-DEC-20	0
3.5-3	01-DEC-20	0
3.5-4	01-DEC-20	0
3.6-1	31-MAR-22	3
3.6-2	01-DEC-20	0
3.6-3	01-DEC-20	0
3.6-4	01-DEC-20	0
3.7-1	01-DEC-20	0
3.7-2	01-DEC-20	0
3.7-3	01-DEC-20	0
3.7-4	01-DEC-20	0
PART 4		
SOUTHERN REGION		REV
4.1-1	12-MAY-21	2

4.2-1	01-DEC-20	0
4.3-1	01-DEC-20	0
4.4-1	01-DEC-20	0
4.5-1	01-DEC-20	0
4.6-1	01-DEC-20	0
4.6-2	12-MAY-21	2
4.6-3	12-MAY-21	2
4.6-4	12-MAY-21	2
4.6-5	12-MAY-21	2
4.6-6	12-MAY-21	2
4.6-7	12-MAY-21	2
4.6-8	12-MAY-21	2
4.6-9	12-MAY-21	2
4.7-1	01-DEC-20	0
4.7-2	12-MAY-21	2
4.7-3	01-DEC-20	0
4.7-4	01-DEC-20	0
4.7-5	01-DEC-20	0
4.7-6	01-DEC-20	0
4.7-7	12-MAY-21	2
4.7-8	01-DEC-20	0
4.7-9	01-DEC-20	0
4.7-10	01-DEC-20	0

<p>PREPARED BY</p>  <p>SIGNATURE NAME: RAMAN DEV DESIGNATION: Director of Airworthiness (N.R.)</p> <p>एआर ईंजीनरिंग सर्विसेस लि. (प्रा.) AI Engineering Services Ltd. (HQ) CRA Building सफदरजौंग अयर्पोर्ट, दिल्ली-110003 Safdarjung Airport, New Delhi-110003</p>	<p>CHECKED BY</p>  <p>SIGNATURE NAME: RAMAN DEV DESIGNATION: Director of Airworthiness (N.R.)</p> <p>एआर ईंजीनरिंग सर्विसेस लि. (प्रा.) AI Engineering Services Ltd. Group-A</p>	<p>APPROVED BY DGCA</p>  <p>DATE: 06/04/2022</p> <p>SIGNATURE AND STAMP DIRECTOR OF AIRWORTHINESS (N.R.)</p> <p>भारतीय वायुसेवा भारत सरकार Director of Airworthiness (N.R.)</p>
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			PART 0		SECTION 0.5
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0.5 LIST OF EFFECTIVE PAGES

4.8-1	11-JAN-21	1
4.9-1	12-MAY-21	2
4.9-2	01-DEC-20	0
4.9-3	01-DEC-20	0
4.9-4	01-DEC-20	0
4.9-5	01-DEC-20	0
4.9-6	01-DEC-20	0
4.9-7	01-DEC-20	0
4.9-8	01-DEC-20	0
4.9-9	01-DEC-20	0
4.9-10	01-DEC-20	0
4.9-11	12-MAY-21	2
4.9-12	12-MAY-21	2
4.9-13	12-MAY-21	2
4.10-1	01-DEC-20	0
4.10-2	12-MAY-21	2
4.10-3	01-DEC-20	0
4.10-4	01-DEC-20	0
4.10-5	01-DEC-20	0
4.10-6	01-DEC-20	0
4.10-7	01-DEC-20	0
4.10-8	01-DEC-20	0
4.11-1	01-DEC-20	0

4.11-2	01-DEC-20	0
4.11-3	01-DEC-20	0
PART 5		
JEOC, NEW DELHI		REV
5.1-1	01-DEC-20	0
5.2-1	01-DEC-20	0
5.2-2	01-DEC-20	0
5.2-3	01-DEC-20	0
5.2-4	01-DEC-20	0
5.2-5	01-DEC-20	0
5.2-6	01-DEC-20	0
5.2-7	01-DEC-20	0
5.2-8	01-DEC-20	0
5.2-9	01-DEC-20	0
5.2-10	01-DEC-20	0
5.3-1	01-DEC-20	0
5.3-2	01-DEC-20	0
5.3-3	01-DEC-20	0
5.3-4	01-DEC-20	0
5.3-5	01-DEC-20	0
5.3-6	01-DEC-20	0
5.3-7	01-DEC-20	0
5.3-8	01-DEC-20	0


5.4-1	01-DEC-20	0
5.4-2	01-DEC-20	0
5.5-1	01-DEC-20	0
5.5-2	01-DEC-20	0
5.5-3	01-DEC-20	0
5.5-4	01-DEC-20	0
5.5-5	01-DEC-20	0
5.5-6	01-DEC-20	0
5.5-7	01-DEC-20	0
5.5-8	01-DEC-20	0
5.5-9	01-DEC-20	0
5.5-10	01-DEC-20	0
5.5-11	01-DEC-20	0
PART 6		
APU CENTRE, KOLKATA		REV
6.1-1	31-MAR-22	3
6.2-1	01-DEC-20	0
6.2-2	31-MAR-22	3
6.2-3	01-DEC-20	0
6.2-4	01-DEC-20	0

<p>PREPARED BY</p>  <p>SIGNATURE NAME Ramdarshan Sarbajit Ltd. (P.) DESIGNATION: Engineering Services Ltd. (HQ) Safdarjung Airport, New Delhi-110003</p>	<p>CHECKED BY</p>  <p>SIGNATURE NAME RAMAN DEV DESIGNATION: Quality Manager Group-A DELHI</p>	<p>APPROVED BY DGCA</p>  <p>DATE: 06/04/2022 SIGNATURE AND STAMP DIRECTOR OF AIRWORTHINESS (N.R.)</p>
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AI ENGINEERING SERVICES LIMITED
CAPABILITY LIST

PART 1
NORTHERN REGION

	CAPABILITY LIST		AIESL CAP/03		
			PART 1		SECTION 1.1
	NORTHERN REGION		Issue-2	Rev-0	01 DEC 2020


1.1 GENERAL DESCRIPTION OF NORTHERN REGION CAPABILITIES

CLASS	RATING	DETAILS	
AIRCRAFT	A1	AIRCRAFT ABOVE 5700 Kg	As described in AIESL MOE Section 1.9.
COMPONENTS OTHER THAN COMPLETE ENGINE & APU	C1, C2, C3, C4, C5, C6, C7, C8, C9, C12, C13, C14, C15, C17, C18, C19 & C20.	COMPONENTS AS DESCRIBED IN THE APPROVED CAPABILITY LIST	As per the Section 1.3, 1.4, 1.5, 1.6 and 1.7 of AIESL Capability List (CAP/3)
Specialized Services	D1 - NDT	<i>Eddy Current Inspection</i>	In accordance with ASNT guidelines published in SNT-TC-1A (2001) and DGCA document CAR, Section 2, Series L, Part XIV.
		<i>Liquid Penetrant Inspection</i>	In accordance with ASNT guidelines published in SNT-TC-1A (2001) and DGCA document CAR, Section 2, Series L, Part XIV.
		<i>Ultrasonic Inspection</i>	In accordance with ASNT guidelines published in SNT-TC-1A (2001) and DGCA document CAR, Section 2, Series L, Part XIV.
		<i>Magnetic particle Inspection</i>	In accordance with ASNT guidelines published in SNT-TC-1A (2001) and DGCA document CAR, Section 2, Series L, Part XIV.
		<i>X-RAY</i>	In accordance with ASNT guidelines published in SNT-TC-1A (2001) and DGCA document CAR, Section 2, Series L, Part XIV.
	D1-b)Special Processes		Electroplating, Plasma Spray, TIG Welding, Heat Treatment, Chemical & Mechanical Cleaning etc.
Additional Capabilities		<i>Test Equipment/Gauges & Tools used for Aircraft Maintenance</i>	Testing, Calibration and certification of Test Equipment/Instruments and Tools used for Maintenance of Aircraft Maintenance and Overhaul of Components
Other Facilities			Composite material shop, Painting shop, Sheet Metal and fitting shop, and Fuel & Oil Testing Lab

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1.2 AIRCRAFT MAINTENANCE

Refer MOE section 1.9


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1.3 ACCESSORIES OVERHAUL, DELHI


RATING: C1: AIR COND & PRESS						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	Check Valve	11290-X	21-58-03	Sundstrand	2	
2	Check Valve	123268-X-X	21-61-31	Honeywell	2	
3	Flow Control Valve	16570-X	21-26-08	Sundstrand	2	
4	Pre-Cooler Heat Exchanger	182400-X-X	21-10-18	Honeywell	2	
5	Heat Exchanger	182820-X	21-50-14	Honeywell	2	
6	Water Separator	183010-X	21-70-06	Honeywell	2	
7	ACM	204050-10-X	21-50-92	Honeywell	3	
8	Filter Dust Separator	420A200-X	21-26-00	Le Bozec	2	
9	Filter Demister	425A200-X	21-26-00	Le Bozec	2	
10	Flow Control Valve	5669-X	21-30-01	Whittaker Control	2	
11	Primary Heat Exchanger	753 – Series	21-52-11	Liebherr	2	
12	Main Heat Exchanger	754 – Series	21-52-12	Liebherr	2	
13	Re-Heater	755 – Series	21-52-08	Liebherr	2	
14	Condenser	756A – Series	21-52-10	Liebherr	2	
15	Turbo fan	801240-X	21-20-38	Honey Well	3	
16	Filter FCV	S4141	21-51-09	Liebherr	2	
17	Filter FCV	S4563-9	21-51-08	Liebher	2	
18	Filter	9026A0016-01	21-62-10	Liebher	2	
19	Filter	9026A0016-02	21-62-10	Liebher	2	
20	Filter	72E03-1/29578	30-11-52	Honey Well	2	Only cleaning

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RATING: C4 : DOORS – HATCHES						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	Main Cargo Door Act.	1U1177-X	52-30-02	Smiths	2	
2	Door Damper	FE174-XXX	52-11-03	Retier Figeac	2	
3	Door Damper	FE240-XXX	52-11-05	Retier Figeac	2	
4	Snubber	GA7463-X	52-49-01	Eaton	2	
5	Cargo Door Act.	S4-3300520	52-33-17	Liebherr	2	
6	Cargo Door Act.	S4-3300520-01	52-33-20	Liebherr	2	
7	Manual Selector Valve	S4-3400900 – Series	52-30-12 52-30-13	Liebherr	2	
8	Manual Selector Valve	1567A0000-01	52-30-16	Liebherr	2	

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RATING: C5 : ELECTRICAL POWER						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	IDG Oil Cooler	5L0024/5L0033/5L0040	24-21-42	Hughes	2	

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RATING: C6 : EQUIPMENT						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	Pilot Seat	2510144 – Series	25-11-28	Sogerma	2	
2	Co-Pilot Seat	2510145 – Series	25-11-28	Sogerma	2	
3	Survival Kit	60128-XXX	25-61-20	Air Cruisers	2	
4	Reservoir & Valve Assy. (O/W)	60592-X	25-65-17	Air Cruisers	3	
5	Reservoir & Valve Assy.	61639-XXX	25-65-21	Air Cruisers	3	
6	Door Evacuation Slide System	62292-XXX	25-66-10	Air Cruisers	3	
7	Door Evacuation Slide System	62293-XXX	25-66-11	Air Cruisers	3	
8	Seat Assy. Pilot / Co-Pilot	808737-618-X	25-10-25	Weber	2	
9	Storage Reservoir	D17978 – Series	25-65-09	Air Cruisers	3	
10	Reservoir & Valve Assy.	D803 – Series	25-65-17	Air Cruisers	3	
11	Escape Slide (Fwd)	D30664 – Series	25-61-20	Air Cruisers	2	
12	Escape Slide (Aft)	D30665 – Series	25-61-20	Air Cruisers	2	
13	Escape Slide (Aft)	D31354 – Series	25-60-54	Air Cruisers	2	
14	Escape Slide (Fwd)	D31355 – Series	25-60-55	Air Cruisers	2	
15	Escape Slide (Fwd)	D31516 – Series	25-60-56	Air Cruisers	2	
16	Escape Slide (Aft)	D31517 – Series	25-60-56	Air Cruisers	2	
17	Escape Slide (O/W L/H R/H)	D31865 – Series	25-60-58	Air Cruisers	2	
18	Captain First Officer Seat	TAAI1-03PE/03CE – Series	25-11-31	Sogerma	2	
19	Captain First Officer Seat	TAAI2-33PE/33CE – Series	25-11-37	Sogerma	2	
20	Captain First Officer Seat	TAAI3-03PE/03CE – Series	25-11-46	Sogerma	2	

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RATING: C6 : EQUIPMENT						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
21	Reservoir & Valve Assy	D18309	25-65-17	Air Cruisers	3	
22	Life Preserver	63600-Series	25-64-02	Air Cruisers	2	
23	Life Preserver	D21344- Series / D21343- Series	25-60-05	Air Cruisers	2	
24	Life Preserver	P0640 - Series	25-60-15	EAM	2	
25	Crew Seat Assembly	3A063-0079-(**)-(* 3A063-0080-(**)-(*	25-11-21	IPECO	3	
26	Drain Valve	9350024	38-30-27	Flight Refueling	2	
27	Drain Valve	12D117-X	38-00-01	Allen Aircraft	2	
28	Water Tank Feel Valve	12D124-X	38-10-1	Allen Aircraft	2	
29	Drain Valve Assy.	14312 – Series	38-34-03	Monogram Sanitation	2	
30	Toilet Check Valve	14312-068-3	38-31-41	Airbus	2	
31	Water Pressure Regulator	1552-002-9	38-15-02	Carletol	2	
32	Toilet Check Valve	3717/16007-011	38-30-11	Monogram	2	
33	Pressure Relief Valve	520A6DB50	38-40-00	Circle Seal	2	
34	Water Tank Assy.	65-49662-X	38-16-04	Boeing	2	
35	Water Tank Assy.	677-001	38-10-05	Fiber Science	2	

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RATING: C6 : EQUIPMENT						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
36	Reservoir & Valve Assy	D18309	25-65-17	Air Cruisers	3	
37	Life Preserver	63600-Series	25-64-02	Air Cruisers	2	
38	Life Preserver	D21344- Series / D21343- Series	25-60-05	Air Cruisers	2	
39	Life Preserver	P0640 - Series	25-60-15	EAM	2	
40	Crew Seat Assembly	3A063-0079-(**)-(*) 3A063-0080-(**)-(*)	25-11-21	IPECO	3	
41	Drain Valve	9350024	38-30-27	Flight Refueling	2	
42	Drain Valve	12D117-X	38-00-01	Allen Aircraft	2	
43	Water Tank Feel Valve	12D124-X	38-10-1	Allen Aircraft	2	
44	Drain Valve Assy.	14312 – Series	38-34-03	Monogram Sanitation	2	
45	Toilet Check Valve	14312-068-3	38-31-41	Airbus	2	
46	Water Pressure Regulator	1552-002-9	38-15-02	Carletol	2	
47	Toilet Check Valve	3717/16007-011	38-30-11	Monogram	2	
48	Pressure Relief Valve	520A6DB50	38-40-00	Circle Seal	2	
49	Water Tank Assy.	65-49662-X	38-16-04	Boeing	2	
50	Water Tank Assy.	677-001	38-10-05	Fiber Science	2	
51	Water Shut Off Valve	7940061D	38-10-46	Flight Refueling	2	
52	Drain Valve	8084044H	38-10-49	Flight Refueling	2	
53	Water Tank Assy.	93-3500-00-00X – Series	38-11-13	Man Tech	2	
54	Drain Valve	9350021/22	38-30-25	Flight Refueling	2	
55	Water Tank Assy.	94-050X – Series	38-11-15	Man Tech	2	
56	Pressure Reducing & Relief Valve	HTE510005/10 – Series	38-40-10	Hi Temp	2	

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RATING: C6 : EQUIPMENT						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
57	Water Tank Assy.	R381/T002 – Series	38-11-41	Eurocopter	2	
58	Waste Water Drain Valve	FRH340003H, FRH340008F	38-30-30	EATON	2	

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RATING: C7 : ENGINE – APU						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	APU Fuel Control Valve	155665-X-X	49-30-06	Honeywell	2	
2	Fuel Heater	156210-1-1	49-30-2	Garrett	2	
3	APU Oil Cooler	3880799-1	49-90-01	Normal Air	2	
4	Pneumatic Act. Assy.	65-50949-X	49-50-01	Boeing	2	
5	Cooling Air Inlet Valve	65-68935-X	49-50-02	Boeing	2	
6	Filter – SBV	856504-2	49-50-87	Allied Signal	2	
7	Pneumatic Check Valve	968390-X	49-50-31	Garrett	2	
8	APU Vibration Isolator	94830-Series	49-12-14 49-20-17	Barry Controls	2	
9	Engine Mount Bolt (Fwd)	10-60517-43	71-20-03	Barry Control	2	
10	Engine Mount Bolt (Rear)	10-60517-44	71-20-03	Barry Control	2	
11	Vibration Isolator (Fwd.)	5467-1SA1	71-20-03	Barry Control	2	
12	Vibration Isolator (Aft.)	5467-1SA2	71-20-03	Barry Control	2	
13	T/R Actuator	60470	78-30-05	Sterer	2	
14	T/R Assy.	173-1010 – Series	78-30-12	Boeing	2	
15	T/R Door (L.H.)	173-1021-1	78-30-12	Boeing	2	
16	T/R Door (R.H)	173-1021-2	78-30-12	Boeing	2	
17	T/R Actuator	1U1220-2	78-32-05	Smiths	2	

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RATING: C7 : ENGINE – APU						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
18	T/R Lock Actuator	1U1222	78-32-06	Smiths	2	
19	T/R Isolation Valve	1U1225	78-30-02	Dowty	2	
20	C Duct Actuator	3282982 – Series	78-36-51	Allied Signal	2	
21	C Duct Manifold	3282984 – Series	78-36-49	Garrett	2	
22	T/R Unlock Actuator	58120-X	78-32-01	Vickers	2	
23	T/R Control Valve	65-44531-X	78-33-11	Boeing	2	
24	One Way Restrictor Valve	GA7372-1	78-30-12	Boeing	2	
25	Two Way Restrictor Valve	GA7396	78-30-12	Boeing	2	
26	T/R Actuator Lower	TY1542 – Series	78-32-43	Goodrich	2	
27	HCU	TY1540 – Series	78-31-51	Lucas	2	
28	T/R Actuator Upper	TY1541 – Series	78-32-48	Goodrich	2	
29	Air Cooled Oil Cooler	5U0075	79-21-42	Sumitomo	2	
30	Fuel Cooled Oil Cooler	OF25-XXX	79-21-43	Sumitomo	2	
31	Debris Monitor	5507-902-0	79-21-56	CFM International	1	Leak Test
32	Engine Ground Start Nipple Check Valve	M913	80-1-1 to 80-1-11 pg	Bobrick	2	
33	Filter Start Valve	728872-1	80-13-51	IAF	2	

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RATING: C8 : FLIGHT CONTROLS						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	Ball Screw Assy.	5701801/2/3 7824791	27-51-50	Thomson	2	
2	Ball Screw Assy.	073XXP000-XX	27-51-05	Umbra	2	
3	Stab. Ball Screw Assy.	102J033 – Series	27-40-04	Royal	2	
4	Ground Spoiler Cont. Valve	1697EA	27-50-01	Sergeant	2	
5	L.E. Control Valve Assy.	4163DA	27-80-05	Pneuravlics	2	
6	Hydraulic Fuse	6213-X	27-54-01	Boeing	2	
7	Rudder Trim Actuator	65-21831-XX	27-24-01	Boeing	2	
8	L.E. Flap Actuator	65-44551-X/65-44550- X	27-80-01	Boeing	2	
9	Flight Spoiler Actuator	65-44561-X/65-49580- XX	27-60-41	Boeing	2	
10	T.E. Flap Actuator	65-44631-X 65-51602-XX	27-53-12	Boeing	2	
11	L.E. Slat Actuator	65-44651 – Series	27-80-11	Boeing	2	
12	Elevator Tab Lock Actuator	65-44751-X	27-30-01	Boeing	2	
13	Aileron / Elevator PCU	65-44761-65- 45180/65-49874 – Series	27-09-21	Boeing	2	
14	T.E. Flap Control Valve	65-44821-X	27-53-11	Boeing	2	
15	Ground Spoiler Actuator (I.B)	65-44851 – Series	27-60-32	Boeing	3	
16	Rudder PCU	65-44861/65C37052	27-20-01	Boeing	2	
17	Ground Spoiler Actuator (O.B)	65-44960-XX/65- 44961 – Series	27-60-33	Boeing	3	
18	Feel Computer	65-45132 – Series	27-09-31	Boeing	2	



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RATING: C8 : FLIGHT CONTROLS


S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
19	Elevator Feel Actuator	65-45134-X/65-45140-X/65-44503 – Series	27-09-09	Boeing	2	
20	Flight Control Ratio Changer	65-46370 – Series	27-67-11	Boeing	2	
21	Stab Trim Actuator Assy.	65-49970 – Series	27-45-11	Boeing	3	
22	Transmission Assy. (No. 1)	65-50321-X	27-55-55	Boeing	2	
23	Transmission Assy. (No. 2)	65-50322 – Series	27-55-56	Boeing	2	
24	Transmission Assy. (No. 3)	65-50323-X	27-55-57	Boeing	2	
25	Transmission Assy. (No. 4)	65-50324-X	27-55-58	Boeing	2	
26	Transmission Assy. (No. 5)	65-50325-X	27-55-58	Boeing	2	
27	Transmission Assy. (No. 6)	65-50326-X	27-55-57	Boeing	2	
28	Transmission Assy. (No. 7)	65-50327 – Series	27-55-56	Boeing	2	
29	Transmission Assy. (No. 8)	65-50328-X	27-55-55	Boeing	2	
30	Right Angle Gear Box (L/H)	65-51510-X	27-55-11	Boeing	2	
31	Right Angle Gear Box (R/H)	65-51510-X	27-55-11	Boeing	2	
32	Angle Gear Box (L/H)	65-51513-X	27-55-21	Boeing	2	
33	Angle Gear Box (R/H)	65-51513-X	27-55-21	Boeing	2	
34	L.E & T.E Flap Control Assy.	65-51602-X	27-54-11	Boeing	2	
35	T.E Flap Power Unit	65-63851-X	27-55-32	Boeing	3	
36	Hydraulic Fuse	G8381-8-160	27-80-4	Parker	2	
37	Hydraulic Fuse	G8381-8-40	27-80-5	Parker	2	
38	Hydraulic Fuse	G8381-8-60	27-80-6	Parker	3	

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RATING: C8 : FLIGHT CONTROLS						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
39	Stand By Rudder PCU	IU1150-1	27-20-02	Dowty	2	
40	T.E. Flap Hydraulic Motor	MS9-3911-30ZE-4C	27-00-02	Dowty	2	
41	Centering Spring Rod-Yaw Damper	D2727000700200/600	27-26-41	Airbus	2	
42	Rudder Control Centering Rod	D2727025000400/600	27-21-48	Airbus	2	

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RATING: C9 : FUEL – AIRFRAME						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	B.P By Pass Valve	6535	28-20-4	J. C. Carter	2	
2	B.P. Vent Check Valve	2640628	28-10-06	Parker	2	
3	Swing Check Valve	2650102	28-20-02	Parker	2	
4	Check Valve	9811820	28-16-42	Eaton	2	
5	Air Release Valve	FRH280002	28-21-41	Fr. Hi. Tech	2	
6	Float Valve	16F110	28-10-1	Allen	2	
7	B.P. Check Valve	20C144-3 (10-60526-13)	28-22-07	Allen	2	
8	B.P. Check Valve	20C144-X	28-22-03	Allen	2	
9	B.P. Check Valve	217200-X	28-20-01	H. R. Textron	2	
10	B.P. Check Valve	217500-X	28-20-02	H. R. Textron	2	
11	B.P. Check Valve	21750-X	28-22-07	Allen	2	
12	Refueling Manifold & Adaptor	2670150-X	28-20-01	Parker	2	
13	Fuel Cell No. 2 & 3 Ap368	2F1-6-36650 2F1-636651	28-10-13	Loral	2	
14	Fuel Cell Quick Repair Ap472	2F1-6-36650 2F1-636651	28-10-15	Loral	2	
15	B.P. Vent Check Valve	2S2474L	28-13-01	Criss Air	2	
16	Check Valve APU	2S2566	28-09-02	Criss Air	2	
17	Float Valve	40F104	28-10-00	Allen	2	
18	Thermal Relief Valve	8C236/8C237	28-22-04	Allen	2	

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RATING: C12 : HYDRAULIC						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	Pressure Relief Valve (Sys. A)	1651	29-10-03	Pneudraulics	2	
2	Pressure Relief Valve (Sys. B)	1652	29-10-02	Pneudraulics	2	
3	Hyd. Pump	11400	29-20-03	Sundstrand	2	
4	Engine Driven Pump	55098	29-10-08	Parker	3	
5	Relief Bleed Valve	70400	29-10-03	Westland	2	
6	Pump Manual – Fill	71234	29-20-65	Crane	2	
7	Shuttle Valve	71998	29-20-40	Crane	2	
8	Air Pressure Regulator	72909	29-01-03	Crane	2	
9	Shut Off Valve Manual	146435	29-27-00	Dynascience	2	
10	Regulator Relief Valve	316565	29-20-18	Crane	2	
11	Rat Hyd. Pump Assy.	520550	29-21-05	Eaton	2	
12	Check Valve	2700058	29-09-11	Parker	2	
13	Sys. B Filter	7505639	29-20-02	PTI – Tech	2	
14	Single Stage Return Filter Assy.	7579560	29-10-01	PTI	2	
15	Single Stage Return Filter Assy.	7583695	29-10-02	PTI	2	
16	Stand By Electric Pump	10470-2	29-20-01	Hamilton	2	
17	Alt. L.E. Flap Flow Lim. Valve	1121S6-1-5	29-01-01	Waterman	2	
18	H.P. Manifold (Yellow)	1553A9900-01	29-10-20	Liebherr	2	

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RATING: C12 : HYDRAULIC						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
19	Compensator Cartridge	1U1065-X	29-00-03	Smiths	2	
20	Brake Sol. Operated Valve	1U1136	29-00-01	Dowty	2	
21	Manual Shut Off Valve	1U1234	29-13-02	Dowty	2	
22	Brake Accumulator	2660472-X	29-10-10	Parker	2	
23	Check Valve	2S5304/2S5316	29-09-07	Criss Air	2	
24	PTU	4101002 – Series	29-11-17	Frisby aerospace	2	
25	EDP	42054 – Series	29-11-33	Parker	3	
26	Pump Electric	4205601/2/3	29-20-28	Parker	3	
27	Hyd. Pump Sys. B	57186-XX	29-20-15	Parker	3	
28	T.E. Flap Flow Lim. Valve	6114-X	29-20-04	Pneudraulics	2	
29	Hand Pump Assy.	6-1404-0000-4	29-21-01	Alfred Teves	2	
30	Alt. L.E. Flap Flow Lim. Valve	6147-x	29-20-02	PTI Tech	2	
31	Hyd. Fuse	6213-3	29-09-03	Pneudraulics	2	
32	Modular Assy. (Sys. A)	65-44580 – Series	29-13-01	Boeing	2	
33	Modular Assy. (Sys. B)	65-44590-X	29-23-31	Boeing	2	
34	Modular Assy. (Stand By)	65-44680 – Series	29-23-21	Boeing	2	
35	Flight Control Module	65-44891-X	29-09-11	Boeing	2	
36	Isolation Valve Mod Assy.	65-44991-X	29-13-02	Boeing	2	



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37	AGCM	682005009/10/11/12 769104/5/6	29-21-27	Hamilton Sundstrand	2	
38	Swivel Assy.	69-54784-X	29-09-21	Boeing	2	
39	Swivel Assy.	69-69882-X	29-09-21	Boeing	2	
40	T/R Shuttle Valve	71998/72926-X	29-20-40	Crane	2	
41	Hyd. Relief Valve	A60087-CD6	29-20-15	Crane	2	
42	Grd. Spoiler S/O Valve	A61446-X	29-20-03	Crane	2	
43	Filter Filling	AC-7680-X	29-00-01	Pall Porous Media	2	
44	System A Filter	AE7693-127N2	29-10-01	Pall Porous Media	2	
45	Manual Selector Valve	AV13J5100	29-01-01	Gen. Control	2	
46	PTU Manifold (Yellow)	D29070179 – Series	29-13-15	Airbus	2	
47	H.P. Manifold (Yellow)	D29070184 – Series	29-13-14	Airbus	2	
48	H.P. Manifold (Blue)	D29070194 – Series	29-12-14	Airbus	2	
49	PTU Manifold (Green)	D29070206– Series	29-11-15	Airbus	2	
50	H.P. Manifold (Green)	D29070207 – Series	29-11-14	Airbus	2	
51	Hyd. Valve (2x2 Way Valve)	S4-3400920 – Series 1396B0000 – Series	29-10-12	Liebherr	2	
52	3x2 Way Valve	S4-3401610 – Series S4-3400950 – Series	29-10-14 29-10-13	Liebherr	2	
53	Grd. Service Manifold	S4-3500272	29-10-11	Liebherr	2	
54	Grd. Service Manifold	S4-3500711 – Series	29-10-15	Liebherr	2	


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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
55	Hyd. System Accumulator	SB209L1A1 – Series	29-11-12	Hydac	2	
55	Manual Depressurizing Relief Valve	3022016-000	29-10-53	EATON	1	
56	Reservoir Filling Valve	C51LM0020	29-16-67	GOODRICH	1	
57	Variable Displacement Hydraulic Pump	623977/887111/887673 /3031863-001	29-11-34	EATON	3	
58	AC Motor Driven Hyd Pump	974540	29-10-72	EATON	3	*
59	AC Elec-Motor Driven Hyd Pump	3022143-000	29-22-03	EATON	3	
60	Variable Displacement Hydraulic Pump	3031863-002	29-11-10	EATON	3	


* SUB TASK - 29-10-72-000-001-A01
SUB TASK - 29-10-72-220-801-A01
SUB TASK - 29-10-72-790-001-A01
SUB TASK - 29-10-72-710-002-A01
SUB TASK - 29-10-72-750-002-A01

SUB TASK - 29-10-72-100-801-A01
SUB TASK - 29-10-72-400-801-A01
SUB TASK - 29-10-72-780-001-A01
SUB TASK - 29-10-72-750-001-A01


SUB TASK - 29-10-72-200-801-A01
SUB TASK - 29-10-72-700-801-A01
SUB TASK - 29-10-72-780-002-A01
SUB TASK - 29-10-72-790-002-A01

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RATING: C14 : LANDING GEAR						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	Shuttle Valve	5059/5060/5062	32-40-02	Pneudraulics	2	
2	Brake Accumulator	60863	32-41-02	Teledyne	2	
3	Main Wheel Assy.	5013641	32-42-14	ABSC	3	
4	Nose Wheel Assy.	5013640	32-46-30	ABSC	3	
5	Brake Assy.	5013642	32-44-77	ABSC	3	
6	Bypass Valve	114087001 to 8	32-31-25	GE	2	
7	MLG Lock Stay Actuator	114095001/2/3/4	32-11-21	Messier Dowty	2	
8	MLG Door Actuator	11412200 to 12	32-31-33	GE	2	
9	Brake Relief Valve	114153001	32-44-15	Smiths	2	
10	MLG Retraction Actuator	114193001 to 10	32-31-47	Messier Dowty	2	
11	Bogie Pitch Trimmer	201169001 to 7	32-31-36	Messier Dowty	3	
12	Nose Gear Minor Components	Refer page 1 of 32-01-03	32-01-03	Boeing	2	
13	Main Gear Minor Components	Refer page T/C1 of 32-16-31	32-16-31	Boeing	2	
14	Brake Accumulator	088256-04644	32-44-11	Olaer	2	
15	Bogie Beam Assy.	201171001/2	32-11-30	Messier Dowty	2	
16	MLG Actuator (Retraction)	201590001/2	32-31-86	Messier Dowty	2	
17	NLG Door Actuator	22715-000 – Series	32-37-11	Messier Bugatti	2	

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RATING: C14 : LANDING GEAR						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
18	Brake Assy.	2601042-X	32-40-03	Honey Well	3	
19	Nose Wheel Assy.	2601045-X	32-40-02	Honey Well	3	
20	Main Wheel Assy.	2601571-X	32-40-01	Honey Well	3	
21	NLG Wheel Assy.	3-1470-X	32-41-12	BF Goodrich	3	
22	NLG Wheel Assy.	3-1531	32-41-13	BF Goodrich	3	
23	L/G Selector Valve	4105DA	32-30-01	Sergeant	2	
24	NLG Steering Metering Valve	4129RA/4129RA4	32-50-06	Sergeant	3	
25	T/R Shuttle Valve	5060-X	32-40-02	Pneudraulics	2	
26	NLG Lock Actuator	65-17819	32-30-31	Boeing	2	
27	MLG Lock Actuator O/B	65-35500/65-44825	32-30-21	Boeing	2	
28	MLG Damper Assy.	65-44504	32-30-61	Boeing	2	
29	L/G S/O Valve (Modular Assy.)	65-44581 – Series	32-43-22	Boeing	2	
30	NLG Actuator Assy.	65-44610-X	32-30-41	Boeing	2	
31	NLG Modular Assy.	65-44691-X	32-09-11	Boeing	2	
32	MLG Modular Assy.	65-44691-X	32-09-11	Boeing	2	
33	NLG Steering Actuator	65-44710-X	32-50-11	Boeing	3	
34	MLG Damper Assy.	65-44771 – Series	32-30-61	Boeing	2	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
35	MLG Lock Actuator I/B	65-44810/65-44825	32-30-21	Boeing	2	
36	MLG Actuator Assy.	65-44910/65-44925 Series	32-30-11	Boeing	2	
37	Brake Metering Valve	65-44931 – Series	32-43-21	Boeing	2	
38	MLG Shock Strut Assy.	65-46100-XX	32-11-11	Boeing	3	
39	MLG Trunnion Link	65-46101-XX/ 65-63378-X	32-16-01	Boeing	3	
40	MLG Torsion Link Lower	65-46102-XX	32-16-01	Boeing	3	
41	MLG Drag Strut Upper	65-46103 – Series	32-16-01	Boeing	3	
42	MLG Drag Sturt Lower	65-46104-X 65-60579-X	32-16-01	Boeing	3	
43	MLG Universal Link	65-46106 – Series	32-16-01	Boeing	3	
44	MLG Side Strut – Upper	65-46133-XX	32-17-11	Boeing	3	
45	MLG Reaction Link	65-46135 – Series	32-17-11	Boeing	3	
46	NLG Shock Strut Assy.	65-46200-XX	32-21-11	Boeing	3	
47	NLG Torsion Link – Upper	65-46202-X	32-26-01	Boeing	3	
48	NLG Drag Brace – Lower	65-46230-X	32-01-03	Boeing	3	
49	NLG Drag Brace – Upper	65-46232-X	32-01-03	Boeing	3	
50	NLG Torsion Link – Lower	65-46288-X	32-26-01	Boeing	3	
51	NLG Spring Cartridge	65-54220-X	32-22-31	Boeing	2	



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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
52	M/G & N/G Transfer Cylinder	65-54600-X 69-14106	32-40-01	Boeing	2	
53	MLG Drag Strut – Lower	65-60579 – Series	32-16-01	Boeing	2	
54	MLG Trunnion Link	65-63378 – Series	32-16-01	Boeing	2	
55	MLG Side Strut – Lower	65-63397-X	32-17-11	Boeing	2	
56	MLG Torsion Link – Upper	65-67963-X	32-16-01	Boeing	2	
57	Main Gear Assy.	65-73761-XX	32-16-01	Boeing	2	
58	MLG Side Strut Assy.	65-73761-XX	32-17-11	Boeing	2	
59	Nose Gear Buildup	65-73762 – Series	32-26-11	Boeing	2	
60	Nose Gear Assy.	65-73762-X	32-26-01	Boeing	2	
61	NLG Drag Brace – Upper	65-80051 – Series	32-01-03	Boeing	3	
62	NLG Spring Cartridge	65-80930-X	32-22-32	Boeing	2	
63	Brake Disconnect Valve	71577-X	32-40-08	Crane	2	
64	Brake Selector Valve	A25313 – Series	32-42-11	Messier Bugatti	2	
65	Parking Brake Valve	A25315 - Series A25315020 – Series	32-45-14	Messier Bugatti	2	
66	Emergency B.D.D.V	A25434005 – Series A25434006 – Series	32-46-34	Messier Bugatti	2	
67	Automatic Selector Valve	A25460 – Series A25461 – Series	32-42-13	Messier Bugatti	2	
68	MLG Wheel Assy.	C20195162 C20195162A	32-47-46	Messier Bugatti	3	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
69	Brake Assy.	C20225310 – Series	32-47-50	Messier Bugatti	3	
70	Brake Assy.	C20225508/09/10	32-47-61	Messier Bugatti	3	
71	Brake Assy. Leased	C20225300 – Series	32-47-47	Messier Bugatti	3	
72	Brake Assy.	C20251100 – Series	32-47-34	Messier Bugatti	3	
73	MLG Wheel Assy.	C20252000-X	32-47-33	Messier Bugatti	3	
74	Parking Pressure Limiter	C24703001 – Series C24703003 – Series	32-47-24	Messier Bugatti	3	
75	HCU (6GC)	C24736000 – Series C24736001 – Series C24736100 – Series	32-57-01	Messier Bugatti	2	
76	Brake Manifold	C24779000-X	32-47-35	Messier Bugatti	2	
77	Brake Manifold Assy.	C24837000,7010,7011,7100 – Series	32-47-23	Messier Bugatti	2	
78	Brake Manifold Assy.	C24837102 – Series	32-47-52	Messier Bugatti	2	
79	Safety Valve	S4-3401310 – Series 1905A0000 – Series	32-31-17	Liebherr	2	
80	Parking Pressure Limiter	D24001000	32-47-53	Messier Bugatti	2	
81	Brake Selector Valve	C24993000	32-43-74	Messier Bugatti	2	
82	Carbon Brake Assembly	C20585710/11/12	32-49-44	SAFRAN	3	
83	Main Landing Gear Wheel Assembly	C20586100/01/10/20	32-49-42	SAFRAN	3	
84	Nose Landing Gear Wheel Assembly	C20589000	32-49-43	SAFRAN	3	

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RATING: C14 : LANDING GEAR						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
85	Carbon Brake Assembly	C207800 Series	32-48-21	SAFRAN	3	

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RATING: C17 : PNEUMATIC						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	Relief Valve	1667	36-10-01	Pneudraulics	2	
2	Pre-Cooler Heat Exchanger	11-851154 – Series	36-11-42	Liebherr	2	
3	APU Check Valve	123558-1-4	36-10-37	Honeywell	2	
4	Pre-Cooler Regulator Assy.	392664-1-1	36-14-09	Honeywell	2	
5	Filter	CGO752503458NO2	36-11-52	Liebherr	2	
6	Filter	398 Series	36-11-47	Liebherr	2	Cleaning and Inspection only

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RATING: C18 : PROTECTION ICE /RAIN /FIRE						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	Fire Ext. (Water)	892480	26-20-20	Walter Kidde	3	
2	Fire Ext. (Halon)	898052	26-21-39	Walter Kidde	2	
3	Fire Ext. (Cargo)	34600017	26-20-06	Pacific scientific HTL	2	
4	Fire Ext. (APU)	33600005-X	26-20-05	Pacific scientific HTL	2	
5	Fire Ext. (Cargo)	34200405-X	26-23-44	Pacific scientific HTL	2	
6	Fire Ext. (Engine)	472088-X	26-20-79	Walter Kidde	2	
7	Fire Ext. (Portable)	74-20/74-00	26-24-05	Total Walther	2	
8	Fire Ext. (APU)	806000-X 829700-X	26-20-33	Walter Kidde	2	
9	Fire Ext. (Engine)	809500-X 829500-X	26-20-02	Hyd. Research	2	
10	Fire Ext. (LAV)	A800100-X	26-25-04	Walter Kidde	2	
11	Fire Ext. (LAV)	A825100-X	26-25-04	Walter Kidde	2	
12	Fire Ext. (Portable)	H1-10AIR	26-24-04	Total Walther	2	
13	Fire Extinguisher (Engine)	86176007	26-21-41	L'Hotelier	2	
14	Fire Extinguisher (Engine)	34100005-1	26-20-04	Pacific Scientific	2	
15	Fire Extinguisher (Cargo)	34600049-Series	26-23-42	Pacific Scientific	2	
16	Fire Extinguisher (APU)	472412-1	26-20-76	Walter Kidde	2	
17	Fire Extinguisher (LAV)	BA24320 Series	26-25-36	Fire Fighting Ent.	2	
18	P3 Hafex-Halon Alternate Fire Ext	P3APP003010 Series	26-24-01	P3 Engg GmbH	2	


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RATING: C18 : PROTECTION ICE /RAIN /FIRE						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
19	Fire Extinguisher	472420-Series	26-20-90	Kiddie Aerospace	1	Weighment Only
20	Fire Extinguisher	30100022-Series	26-25-04	Pacific Scientific	1	Weighment Only
21	Fire Extinguisher	863521 Series	26-20-10	L'HOTELLIER	1	Weighment Only

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1.4 ELECTRICAL OVERHAUL, DELHI

RATING: C1: AIRCONDITIONING & PRESSURISATION						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	SENSOR 250°F	10-60133-3 67321-10-190	WDM	FENWAL INCORPORATION	2	
2.	RELAY	10-60450-1 A410-159673-01	M-25	GUARDIAN ELECT.	2	
3.	SENSOR ANTICIPATOR	10-60498-4 (BOE P/N) 548384-1 SERIES 1 548386-1 SERIES 2	21-60-66	GARRETT	2	
4.	TEMP. SENSOR (DUCT LIMIT)	10-60498-7 (BOE P/N) 548388-1 SERIES 1	21-60-66	GARRETT	2	
5.	SENSOR 190° F	10-60924-1	WDM	FENWAL INCORPORATION	2	
6.	TURBO FAN VALVE	392678-1-1,-3,-1	21-50-45	HONEYWELL	2	
7.	PACK VALVE	396132-1-1	21-10-15	ALLIED SIGNAL	2	
8.	AIR MIX VALVE	398116-1-1	21-61-49	HONEYWELL /ALLIEDSIGNAL	2	
9.	RAM AIR MODULATION LINEAR ELECTROMECHANICAL ACTUATOR	541674-SERIES	21-20-36	HONEYWELL	2	
10.	CABIN TEMP. CONTROLLER	548376-3, 548376-5 548376-6 SERIES 3	21-60-56	HONEYWELL /GARRETT	2	
11.	SENSOR 210° F (THERMAL SWITCH)	572757-1	21-52-20	AIRESEARCH	2	
12.	CARGO VENT CONTROLLER	600615-00-5 SERIES 600615-01-5 SERIES	21-28-01	BAT/TELAIR	2	
13.	TEMP. SELECTOR	607400-1-1	21-60-11	GARRETT	2	
14.	35°F CONTROLLER	607510-2,-3.	21-60-59	GARRETT/HONEYWELL	2	
15.	RAM AIR TEMP.CONTROLLER	607518-2 SERIES 2 607518-2 SERIES 3 607518-2 SERIES 4	21-60-09	GARRETT/HONEYWELL	2	


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RATING: C1: AIRCONDITIONING & PRESSURISATION


S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
16.	SENSOR 230° F (TEMP. SENSOR)	617166-1 SERIES 1 617166-1 SERIES 2	21-60-27	GARRETT	2	
17.	SENSOR 35° F	627570-1	21-60-46	GARRETT	2	
18.	AIR/COND.ACC, UNIT	65-52810-19,-25	21-09-02	BOE COMP.	2	
19.	ACTUATOR INLET	761A SERIES 761B SERIES	21-53-12	LIBHERR	2	
20.	ACTUATOR OUTLET	762A SERIES	21-53-12	LIBHERR	2	
21.	SENSOR TEMP.	763A0000 -02 763A0000 -03	21-52-18	TECHNOFAN / LIBHERR	2	
22.	SENSOR DUCT TEMP.	764A0000SERIES 764B0000SERIES	21-52-22	TECHNOFAN / LIBHERR	2	
23.	SENSOR DUCT TEMP.	767 SERIES	21-52-30	LIBHERR	2	
24.	DUCT. TEMP. SENSOR	772A0000-01 772A0000-02	21-63-08	LIBHERR	2	
25.	TEMP. SENSOR	773A0000-01	21-63-04	LIBHERR	2	
26.	SELECTOR TEMP.	777A0000-01 777A0000-01 AMDT. 'A' 777A0000-01 AMDT. 'B'	21-63-12	LIBHERR	2	
27.	SENSOR DUCT TEMP.	87232323V00 87232323V01	21-26-12	THALES	2	
28.	SENSOR SKIN TEMP.	87232324V00	21-26-13	CROUZET	2	
29.	AEVC	87292325V SERIES	21-26-34	THALES	2	
30.	SENSOR 365° F	927214-1-1	21-52-22	ALLIED SIGNAL	2	

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RATING: C1: AIRCONDITIONING & PRESSURISATION						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
31.	AVIONICS FAN	EVT3454G EVT3454H EVT3454HC	21-26-42	SAFRAN	3	
32.	FAN MIXED FLOW	VD3810	21-21-12	APPARAT GAUTING	2	
33.	FAN RECIRCULATION	VD3900 SERIES VD3901-00	21-21-16	APPARAT GAUTING	2	
34.	FAN EXTRACTION	VD3920	21-21-14	APPARAT GAUTING	2	
35.	FAN RECIRCULATION	VD3909-00	21-21-19	APPARAT GAUTING	2	
36.	TEMPERATURE SENSOR	600612-00-500	21-43-04	NORD MICRO	2	
37.	TEMPERATURE SENSOR	600612-00-510	21-43-04	NORD MICRO	2	
38.	TEMPERATURE SENSOR	9105A0001 Series	21-53-11	LIEBHERR	2	
39.	TEMPERATURE SENSOR	9105A0005 Series	21-53-11	LIEBHERR	2	
40.	TEMPERATURE SENSOR	736A0000-01	21-63-10	LIEBHERR	2	
41.	TEMPERATURE SENSOR	736A0000-02	21-63-10	LIEBHERR	2	

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RATING: C3: COMMUNICATION & NAVIGATION						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	HORN	D0003004300000	23-42-01	FAL GAYRAS	2	
2.	HORN	E0329-02	23-42-01	KLAXON	2	

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RATING: C4: DOORS- HATCHES						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	AIR STAIR MOTOR DC	239YC16	52-60-06	WEBBER A/C	2	
2.	AIR STAIR MOTOR AC	241YH35	52-60-06	WEBBER A/C	2	
3.	AIR STAIR ACT.ASSY.	893635,807962	52-60-06	WEBBER A/C	2	
4.	AIR STAIR DOOR MOTOR & BRAKE ASSY.	E6020M32-1	52-10-12	PLESSY DYNAMIC / GEC	2	
5.	AIR STAIR DOOR ACT. (ELECTRO MECH. ROTARY ACT.)	R6166 M1	52-10-00	GEC AEROSPACE INC. / PLESSEY DYNA. CO.	2	
6.	PROXIMITY DETECTOR	DHE1141	52-73-11	CRANE ELDEC	1	

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RATING: C5: ELECTRICAL POWER						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	STATIC INVERTER MODEL NO. 1B1000-1GS	1-001-0102 - SERIES	24-20-08	REA INTL.	2	
2.	ACTUATOR-MOTOR	106785A105	24-09-02 (28-1-1)	ITT	2	
3.	SENSOR (PROXIMITY)	1-899-15,-28,-29,-83	24-09-08	ELDEC	2	
4.	TRANS. RECT. UNIT	2-299, 2-299-1	24-30-04	ELDC CORP.	2	
5.	BATTERY CHARGER	2-301-2, 2-301-3	24-30-03 (31-10-70)	ELDEC CORP	2	
6.	BATTERY	23180	24-30-05	SAFT	2	
7.	BATTERY	2758	24-38-51	SAFT	3	
8.	PROMIXITY CARD (S/W ASSY)	2-899-111, -111-3, -112 OR -113	24-09-01	ELDEC	2	
9.	BATTERY	416526	24-38-58	SAFT	3	
10.	STATIC INVERTOR	39B168-1-B, C	24-29-2	BENDIX CORP.	2	
11.	SOLENOID ASSY	3A545-X	24-09-05	ALLIED SIGNAL	2	
12.	STATIC INVERTOR	3S2060DV108B1	CH. 24	GEN. ELECT.	2	
13.	STALL WARN HORN/ HORN GROUND CALL	430MI-55	24-09-06	BOC COMP.	2	
14.	DOUBLE 3 POLE CONTACTOR	503CA02F1-02Y01, 503CA04F2-02Y00	24-31-24	ZODIAC INTERTECH.	2	
15.	DE-COUPLING UNIT	530AL01	24-00-24	ECE	2	
16.	THERMAL S/W C.S.D	55584, 54436	24-11-02 (31-36-60)	SUNDSTRAND	2	
17.	CONTACTOR	558CA Series, 559CA01Y1	24-21-17 (24-21-11)	E.C.E	2	
18.	CONTACTOR	564CA01Y1 , 564CA02FY1	24-21-16 (24-21-12)	ZODIAC INTERTECH.	2	

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RATING: C5: ELECTRICAL POWER						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
19.	BASE CONTACTOR	580SE01Y1, 580SE01Y2 585SE01Y1	24-50-01	ECE /ZODIAC	2	
20.	CURRENT TRANSFORMER ASSY TYPE PCO1502 & -01	5906733	24-23-17	SUNDSTRANDS	2	
21.	CURRENT TRANSFORMER ASSY TYPE PCO1801 & -01	5906734	24-23-18	SUNDSTRANDS	2	
22.	SOCKET (BASE CONTACTOR)	590SE01, 591SE 01	24-51-10	ECE	2	
23.	BASE CONTACTOR	600SE SERIES 610SE SERIES	24-51-14	ZODIAC INTERTECH.	2	
24.	CT WIRE BUNDLE	61-30200-1	24-21-21 (AS PER WDM)	BOEING	2	
25.	WIRE A.C. GEN	61-30200-1	24-21-21 (AS PER WDM)	BOEING	2	
26.	BASE CONTACTOR	620SE SERIES	24-50-06	ZODIAC INTERTECH.	2	
27.	CONTACTOR	630 SERIES 640CC01Y1, 640CC04A2Y00	24-31-22	ZODIAC INTERTECH.	2	
28.	MISC SOLID STATE MODULE	65-52806-110	24-03-04 (31-36-65)	BOEING	2	
29.	CONTACTOR	655CC01Y1	24-31-12	ECE	2	
30.	MOTOR OPERATED AIR S.O.V. - ISOLATION VLV/ENG BLEED VLV	67-2905-001	24-09-05	GRIMES	3	
31.	AIR SHUT-OFF VLV (ENG/WING ANTI-ICE)	67-2906-001, 002	24-09-02	GRIMES	2	
32.	CARD ASSY	69-52209-5	24-09-06	BOEING	2	

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RATING: C5: ELECTRICAL POWER						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
33.	BELL & CRACKER CONTROL PCB	69-52233 - 3, 69- 56978 SERIES	24-09-07	BOEING.	2	
34.	CSD HARNESS	707791A	WDM	BOEING	2	
35.	IDG OIL TEMP. THERMOCOUPLE	73983700 , 73984300	24-21-15	TOSHIBA	2	
36.	GENERATOR CONTROL UNIT	740120 SERIES	24-23-04	SUNDSTRAND	2	
37.	GRD POWER CONTROL UNIT	740121 Series	24-41-07	SUNDSTRAND	2	
38.	IDG HARNESS	740-5869-SERIES	24-21-43	IAE	2	
39.	EGIU	746923 SERIES	24-24-20	SUNDSTRAND	2	
40.	BUS TRANSFER RELAY	9125-2ZC7CX4-X	WDM	LEACH CORPOR	2	
41.	G.C.U	915F212 Series	24-23-30	HAMILTON SUNDSTRAND	2	
42.	BUS PROTECTION PANEL	915F213-2 915F213-3	24-20-63 24-20-61	HAMILTON SUNDSTRAND	2	
43.	CARD ASSY. (GCU)	915F541-2	24-23-30	HAMILTON SUNDSTRAND	2	
44.	G.B/B.T.B	941D335-2-4	24-20-65	SUNDSTRAND	2	
45.	E.P.C.	941D347-2	24-20-64	SUNDSTRAND	2	

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RATING: C5: ELECTRICAL POWER						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
46.	CHIME BELL	9676/511688	24-09-06	BOC COMP.	2	
47.	A/C GENERATOR	976J498-1,-2 976J598-1 976J449-1	24-20-77	SUNDSTRAND	3	
48.	ACTUATOR ASSY	A05 SERIES	24-09-01	WESTLEND SITEC	2	
49.	ACTUATOR ASSY	A06 SERIES	24-09-02	WESTLEND SITEC	2	
50.	L/G LEVER LOCK SOLENOID	A420-060283-05	24-09-04	GUARDIAN ELECTEOMP	2	
51.	CIRCUIT BREAKER	APBIRNS 1660-1	WDM	BOEING	2	
52.	CIRCUIT BREAKER	BACC 18258	WDM	BOEING	2	
53.	3 P.D.T CENTER OFF CONTACTOR	D31C	24-09-12 (24-09-17)	HARTMAN	2	
54.	CIRCUIT BREAKER	MP-932	WDM	BOEING	2	
55.	CIRCUIT BREAKER	MP-934	WDM	BOEING	2	
56.	BATTERY	SP-B-23060	NCSP B23060	HBL (DOCUMENT REF.)	2	
57.	A/TRANSFORMER	TA01Z6005	24-51-11	ARTUS	2	
58.	TAXI LIGHT	4236564, 8000282Y00	33-46-02	ECE TELEFLEX SYNERVIA	2	


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RATING: C5: ELECTRICAL POWER						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
59.	LIGHT ASSY.N/W ASSY. (DOM LT. ASSY.)	10-0015-1,-5,-3	33-40-40	GRIMES	2	
60.	SCREEN LIGHT (THRE SHOLD LIGHT)	10-0031-2 BOE PN. 10-60759-2	33-30-25	GRIMES	2	
61.	LIGHT ASSY.	10-0046-1	WDM	GRIMES	2	
62.	EMERGENCY EXIT LIGHT	10-0067-7,-9	33-50-07	GRIMS	2	
63.	CEILING LIGHT	10-0171	WDM	GRIMES	2	
64.	READING LIGHT	10-0429-1A,-2A	33-20-88	GRIMES	2	
65.	WINDOW LIGHTS	10-0439-1	WDM	GRIMES	2	
66.	SIGN-NO SMOKING/FSB	10-1278-1	33-26-02	AIR SIGMA GMBH	2	
67.	PANEL AREA CALL	10-1319-1	33-20-05	AIR SIGMA GMBH	2	
68.	LIGHT CALL	10-1358-1	33-20-01	AIR SIGMA GMBH	2	
69.	NO SMOKING LIGHT	10-60781-101	WDM	BOEING	2	
70.	READING LIGHT	10-60914-12,-17	WDM	BOEING	2	
71.	FLOOD LIGHT (UTILITY LIGHT)	15-0026-3,-5	33-10-21	GRIMES	2	
72.	MAP READING LIGHT (SPOT LIGHT)	15-0069-15,-17,-19	33-10-22	GRIMES/ MIDLAND ROSE	2	
73.	LIGHT FWD. CARGO (FLOOD LT. ASSY.)	15-0093-5,-1,-3	33-30-39	GRIMES	2	
74.	LIGHT ASSY.APU (DOM LT. ASSY.)	15-0103-1	33-30-33	GRIMES	2	
75.	LOADING AREA LIGHT	1X2005012-00	33-32-11	UTC AEROSPACE SYSTEMS/GOODRICH	2	
76.	LIGHT LOGO	1X2005097-00	33-43-01	HELLA	2	
77.	TRANSFORMER LIGHTING	2598D	33-14-51	AERONATIQUE	2	

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RATING: C5: ELECTRICAL POWER

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
78.	LIGHT PANEL	2LA003622-Series	33-22-01	HELLA	2	
79.	STROBE LIGHT (LIGHT ANTI COLLISION)	2LA003968-00	33-42-04	HELLA	2	
80.	READING LIGHT	2LA00489X-Series 2LA005776-Series	33-11-01	HELLA	2	
81.	OVER WING EMERG. LIGHT	2LA00512X-Series 2LA00541X-Series	33-52-31	UTC AEROSPACE SYSTEMS/GOODRICH	2	
82.	FLT. CREW READING LIGHT	2LA005163 Series	33-11-21	HELLA	2	
83.	TAIL LIGHT SRTOBE	2LA005303-Series	33-42-21	UTC AEROSPACE SYSTEMS/GOODRICH	2	
84.	WING SRTOBE LIGHT	2LA005308-Series	33-42-31	UTC AEROSPACE SYSTEMS/GOODRICH	2	
85.	READING LIGHT	2LA00539X-Series	33-22-06	HELLA	2	
86.	READING LIGHT	2LA005469-Series	33-25-02	HELLA	2	
87.	FLOOD LT. UNIT INST.PANEL	2LA005542-Series	33-11-41	HELLA	2	
88.	FLOOD LIGHT UNIT	2LA005543-10 2LA005541-10	33-11-47	HELLA/GOODRICK	2	
89.	FLOOD LT. UNIT INST.PANEL	2LA00554X-Series	33-11-46	HELLA	2	
90.	SIGN UNIT UTILITY LIGHT	2LA005715-Series	33-24-01	HELLA	2	
91.	WARNING LIGHT (PANEL)	2LA007307-00 2LA005467-00	33-25-01	HELLA	2	
92.	REAR NAV. LIGHT (LIGHT NAV.REAR DUAL)	2LA405367-Series 2LA40370X-Series	33-41-15	HELLA	2	

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RATING: C5: ELECTRICAL POWER						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
93.	STROBE LIGHT (LIGHT ANTI COLLISION)	2LA455010-00	33-42-24	HELLA/GOODRICK	2	
94.	TAIL LIGHT	30-0127-9-1683	WDM	GRIMES	2	
95.	WING SCANNING (INSPECTION) LIGHT	30-0213-11,-12	33-41-97	GRIMES	2	
96.	WING NAV.LIGHT	30-0234-1,-4174	33-41-76	GRIMES	2	
97.	EMERGENCY EGRESS LIGHT	30-0432-1 Through 33 odd numbers	33-50-27	GRIMES/ FL AEROSPACE	2	
98.	GALLEY LIGHT (EMG. EGRESS LT.)	30-0432-11,-13	33-50-27	GRIMES	2	
99.	DOOR LOCK S/W	300-700-1049-1	WDM	BOEING	2	
100.	WING AND NACELLE INSPECTION FLOOD LIGHT	30-1883-3 (L.H.) 30-1883-4 (R.H.)	33-49-11	HONEYWELL	2	
101.	BATTERY	3214-30	33-51-07	DIEHL	2	
102.	EPSU	3214-52,54,55	33-51-09	DIEHL	2	
103.	EPSU	3214-54-10 3214-54-20 3214-55-10 3214-62-10 3214-62-20		DIEHL	2	
104.	BALLAST UNIT 15W	3250-20	33-24-14	DIEHL	2	
105.	BALLAST UNIT	3250-31, 3250-20-10 3250-81, 3250-10-70	33-24-17	DIEHL	2	
106.	BALLST UNIT 30 W	3250-60	33-24-14	DIEHL	2	

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107.	BALLAST UNIT	3250-70	33-24-15	DIEHL	2	
108.	BALLAST UNIT	3250-80 3250-30	33-24-16	DIEHL	2	
109.	COCKPIT LIGHT	34265-8	33-10-23	GRIMES	2	
110.	CONT.BOX-WARNING LIGHT	35-0F6-1000	33-14-31	AEROSPATIALE	2	
111.	PANEL CONNECTOR	35-0F6-5000	33-14-33	AEROSPATIALE	2	
112.	PANEL CONNECTOR	35-0F6-5001	33-14-34	AEROSPATIALE	2	
113.	ANNUNCIATOR LIGHT TEST BOARD (ALTB)	35-0F5-1000	33-14-32	AEROSPATIALE /THALES	2	
114.	WIGN NAVIGATION LIGHT-FWD OPTICAL SUB ASSY.	4090A00-180 Series 4090A00-190 Series	33-41-11	ADB	2	
115.	TAKE OFF LIGHT	4233488,8000283Y00	33-46-01	ECE TELEFLEX SYNERVIA	2	
116.	LIGHT RUNWAY TURNOFF	4236534,8000281Y00,8 000306Y00	33-43-03	ECE TELEFLEX SYNERVIA	2	
117.	LIGHT RETRATABLE LANDING	4315542 4191695 4331772	33-42-12	ECE TELEFLEX SYNERAVIA/ZODIAC	2	
118.	LT.PB.SW.INDICATOR ASSEMBLY	4336731004-4000	33-10-20	KORRYELECTRONICS	2	
119.	TAXI LIGHT	50-0128-1,-3	33-41-72	GRIMES	2	
120.	TAKE OFF LIGHT	50-0164-5,-7	33-46-11	GRIMES AEROSPACE	2	
121.	TAXI LIGHT	50-0176-1,-3	33-46-12	GRIMES AEROSPACE	2	

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122.	LIGHT RUNWAY TURNOFF	50-0177-1	33-43-14	MIDROSS	2	
123.	WING TIP NAV LIGHT	528-Series	33-41-12	AIR PRECISION	2	
124.	E.P. POWER PACK	5822-50	33-50-01	LOCTITE	2	
125.	CONTROLLER LIGHTING	5XA005032-01	33-11-50	HELLA	2	
126.	CONTROLLER LIGHTING	5XA005033-Series	33-11-55	HELLA	2	
127.	BATT.PWR.PACK (EMG. EXIT LT. POWER SUPPLY).	60-1321-1	33-50-42	GRIMES	2	
128.	TAXI LIGHT HARNESS	65-49767-1	WDM	BOE COMP.	2	
129.	DOOR WARNING ANNUNCIATOR MODULE	69-37352- SERIES	33-10-02	BOEING CO	2	
130.	ENERGY BOX	8ES005045 Series	33-42-40	HELLA	2	
131.	POWER SUPPLY UNIT (Pax reading lt.)	8ES00523X-Series	33-22-25	HELLA	2	
132.	ENERGY BOX	8ES005304-Series	33-42-20	HELLA	2	
133.	POWER SUPPLY UNIT (ENERGY BOX)	8ES005309-00	33-42-30	HELLA	2	
134.	TRANSFORMER ASSEMBLY	8ES40370X - Series	33-41-16	UTC AEROSPACE SYSTEMS/GOODRICH	2	
135.	BATT.PWR.PACK (EMG. EXIT LT. POWER SUPPLY).	9005-42	33-51-21	IDD AEROSPACE CORP.	2	
136.	REFUELLING PANEL	A685005-C3	WDM	BOEING	2	


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137.	LIGHT A/COND. (FLOOD LT.)	A8985-4	33-30-03	GRIMES	2	
138.	DOME LIGHT	B9845-1 SERIES	33-30-04	GRIMES	2	
139.	DOME LIGHT	L18615-5	33-20-03	LUMINATOR	2	
140.	POWER SUPPLY UNIT	8ES455012-00	33-42-41	GOODRICH	2	
141.	POWER SUPPLY UNIT	8ES455438-07	33-43-30	GOODRICH	2	
142.	CONTROLLER LIGHTING	5XA455805-01	33-11-61	GOODRICH	2	
143.	CONTROLLER LIGHTING	5XA455806-00	33-11-62	GOODRICH	2	
144.	LAVATORY OCCUPIED SIGN	10-1315-SERIES	33-26-04	AIR SIGNA	2	
145.	LED LAVATORY LIGHT	F1000270-00	33-27-01	AIR SIGNA	2	
146.	INSPECTION LIGHT	2LA002606-SERIES	33-31-22	GOODRICH	2	
147.	LIGHT ASSY./HOUSING ASSY.	2LA408353-00/9BG408324-00		GOODRICH	2	
148.	CABLE ASSY. LIGHT-STROBE	D9434001XXXXXX		AIRBUS	2	
149.	AC & DC POWER SYSTEM TEST ACCY.UNIT	65-52813-1/65-52813-16		BAE SYSTEMS	2	
150.	EPSU (BATTERY)	3214-31		DIEHL	2	
151.	LED Runway Turn OFF Light	2LA456343-00	33-43-73	UTC Aerospace System	2	
152.	SERVICE AREA LIGHT	F1000955-01/F1000956-00/F1000956-10	33-32-01	UTC AEROSPACE SYSTEM	2	
153.	LOADING AREA LIGHT	F1001940-00	33-35-02	UTC AEROSPACE SYSTEM	2	
154.	LED LOGO LIGHT	2LA456342-01/ 2LA456342-02/ 2LA456342-03/ 2LA456342-04	33-47-15	UTC AEROSPACE SYSTEM	2	

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RATING: C5: ELECTRICAL POWER

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
155.	LED Taxi Light	2LA456292-01	33-46-11	UTC Aerospace System	2	
156.	LED Wing Scan Light	2LA456335-01/ 02	33-49-10	UTC Aerospace System	2	
157.	AIRCRAFT BATTERY	4078-2, 40678-2	24-31-15	SAFT	3	
158.	AIRCRAFT BATTERY	1658-6	24-31-20	SAFT	3	


	CAPABILITY LIST		AIESL CAP/03		
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RATING: C6: EQUIPMENT


S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	FLASH LIGHT	11352000151, 11352000252	25-62-04	CEAG	2	
2.	SILL ACTUATOR	2846T100-1	25-52-06	EPI	2	
3.	HEATING PANEL (FOOT WARMER)	3224-50, 3224-51	25-15-51	DIEHL	2	
4.	COFFEE MAKER	3510-00 SERIES	25-30-46	B/E APC	2	
5.	COFFEE MAKER	3510-0016-01	25-30-33	APC	2	
6.	BEVERAGE MAKER	3510-0030-01	25-30-38	APC	2	
7.	32 MEAL OVEN CONVECTION	3G900-9999-000 & SERIES	25-34-04	IPECO	2	
8.	COFFEE MAKER	411-0001 SERIES	25-34-34	G.P.G. / BE AEROSPACE	2	
9.	COFFEE MAKER	416-0001 SERIES	25-30-09	APC	2	
10.	RAIL ASSY	416-0201-SERIES	25-30-11	APC	2	
11.	COFFEE MAKER	425-0001 Series	25-30-13	B/E AEROSPACE INC./ APC	2	
12.	HIGH SPEED OVEN, DF110/DF115 Series	431 Series	25-32-11	B/E AEROSPACE	2	
13.	ELECTRIC RELEASE STRIKE	5468	25-10-03	SIREN	2	
14.	BEVRAGE MAKER	64752	25-31-81	RUMBOLD	2	
15.	BEVRAGE MAKER	64771-001-003	25-35-69	SELL/ZODIAC AEROSPACE	2	
16.	SINGLE COMPARTMENT OVEN	67251 Series	25-31-70	RUMBOLD	2	
17.	COFFEE MAKER, DA24 SERIES	720124 SERIES	25-31-24	ROYAL INVENTUM	2	

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RATING: C6: EQUIPMENT						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
18.	HIGH SPEED OVEN, DF700/DF775 Series	72067 Series	25-32-75 (25-32-70)	INVENTAIR / BE AEROSPACE	2	
19.	HIGH SPEED OVEN, DF1000/DF1075 Series	72073 Series	25-35-11	B/E AEROSPACE	2	
20.	Oven control module 700 series	8089XX	25-34-70	B/E AEROSPACE	2	
21.	OVEN	8054	25-36-10	SELL	2	
22.	OVEN ASSY.	838550 Series	25-30-74	MONOGRAM SYSTEM/ZODIAC AEROSPACE	2	
23.	DUAL EXTEN ACTUATOR (P1&P2 CHAIR)	AD8552502-1	25-13-08	KOLCMOGENARTUS	2	
24.	WATER HEATER	DR4	25-30-47	INVENTUM	2	
25.	HOT JUG 404H4	HJ-H/O/N,404H4 TYPE	25-30-02	LERMER	2	
26.	BEVERAGE MAKER	64767-001-001	25-34-49	RUMBOLD	2	
27.	BEVERAGE MAKER	64761/64761-001-003	25-31-60	RUMBOLD	2	
28.	COFFEE MAKER/ WATER BOILER	3510-0044-05	25-30-48	BE AEROSPACE	2	
29.	COFFEE MAKER/ WATER BOILER	3510-0044-07	25-30-48	BE AEROSPACE	2	
30.	COFFEE MAKER/ WATER BOILER	3510-0044-11	25-30-48	BE AEROSPACE	2	
31.	COFFEE MAKER/ WATER BOILER	3510-0052-01	25-30-50	A/C PRODUCTS CO	2	
32.	BREVERAGE MAKER	64771-001-001	25-35-16	RUMBOLD	2	
33.	OVEN	3000/3075 SERIES	25-35-12	BE AEROSPACE	2	
34.	TOILET S/W	10C-10,10B	WDM	AVIA MARINE	2	
35.	TIMER ASSY.	14302-211	38-34-04	SAFRAN	2	
36.	MOTOR-PUMP-FILTER ASSY	14312-020-1,-2	38-34-02	ZODIAC AEROSPACE	2	

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RATING: C6: EQUIPMENT						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
37.	TOILET TIMER	3299-1	38-30-01	MONOGRAM	2	
38.	MOTOR & PUMP ASSY. (FLUSHING TOILET ASSY.)	3700 Series	38-30-11	MONOGRAM	2	
39.	WATER HEATER	24E507009 SERIES	38-12-16	UTC/GOODRICH	2	
40.	DRAIN MAST ASSY.	4-60000H Series	38-34-11	DAIMLER-BENZ/ AIRBUS	2	
41.	LAV.WATER HEATER	8921082G1	38-10-01	BFGOODRICH AEROSPACE	2	
42.	FILL/DRAIN VALVE AND OVER FLOW SHUT-OFF VALVE	D05-Series	38-10-02	WESTLAND SITEC	2	
43.	OVEN3000/3075 SERIES	4313100-01-6600, 4313101-01-6600, 4323100-01-6622, 4323101-01-6622, 4323070-01-6626, 4323071-01-6626, 4333100-01-6600, 4333101-01-6600	25-35-12	BE AEROSPACE	2	
44.	WATER HEATER DR4180 SERIES	4360004-80-00-18, 4360004-80-00-25, 4360004-80SQ18, 4360004-85-00-18, 4360004-87-00-18, 4360004-81-00-18, 4360004-86-00-18, 4360004-88-00-18	25-33-49	BE AEROSPACE	2	

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RATING: C7: ENGINE-APU						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	APU IGN.UNIT (IGN. EXICTOR)	10-381750-14	49-40-37	BENDIX / UNISON	2	
2.	BLEED AIR VALVE (4" DIA PNEUMATIC BUTTER FLY S.O.V.)	109486-1-1,-6-1	49-52-09	HONEYWELL	2	
3.	LOW LEVEL WRG. MAGNA S/W (FLOAT SWITCH)	1145-0019	49-90-1	ROYLYN	2	
4.	APU STARTER (ELECT. ENG. STARTER).	3605812-13-1	49-40-01	GARRET / ALLIED SIGNAL	2	
5.	H.T. LEAD (IGNITOR PLUG LEAD)	369259-32	49-41-05	HONEY WELL	2	
6.	CIRCUIT BREAKER	379868	WDM	BOEING	2	
7.	IGNITION CABLE ASSY.(LEAD) 53179-DS	3876132-Series 53179-Series	49-41-19	HONEY WELL CHAMPION	2	
8.	ACTUATOR LINEAR	43-1-1100	49-16-52	ELEKTROMETALL	2	
9.	ENGINE STARTER MOTOR	48378-2-4	49-20-14	ALLIED SIGNAL/ HONYWELL	2	
10.	WIRE BUNDLE (APU)	61-30-100-003	WDM	BOE COMP.	2	
11.	APU FIRE DET. HARNESS	61-30446-5	WDM	BOEING	2	
12.	CARD ASSY (APU CONTROL UNIT)	65-50885-15	49-66-11	BOEING	2	
13.	APU CONT.UNIT	65-52801-24,-61	49-66-01	BOEING	2	
14.	BALANCING RESISTOR (THERMOCOUPLE FIXED REGISTER ASSY.)	866157-1	49-60-43	HONEY WELL	2	
15.	APU EGT HARNESS	892021-3	WDM	BOEING	2	
16.	IGNITION EXCITOR	9040960-1 10-617075-5	49-41-09	UNISON -DO-	2	

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RATING: C7: ENGINE-APU						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
		10-617075-6 3888058-3 3888058-5 WE3888439-1 3876129-1		-DO- HONEYWELL -DO- -DO- -DO-		
17.	THERMO COUPLE	968187-5	49-50-04	GARRET	2	
18.	INLET DOOR ACTUATOR	R6200M3-11	49-50-01	MARCONY	2	
19.	IGNITER PLUG	3876131-1	49-41-41	HONEYWELL	2	
20.	THERMOCOUPLE	3876124-1	49-72-15	HONEYWELL	2	
21.	ELECTRONIC ENGINE CONTROL (EEC) LINK HARNESS-CORE	2A1446, 2A1447, 2A1491, 6A4719, 6A5877, AS27830, AS36505	71-52-44	IAE	2	
22.	EGT HARNESS	2A1490, 6A4720, 6A5878	71-52-45	IAE	2	
23.	ELECTRONIC ENGINE CONTROL (EEC) HARNESS- CORE	2A1497, 6A4718 6A5554, 6A5699 6A7570, 6A8171	71-52-43	IAE	2	
24.	EEC FAN HARNESS	5A0159, 5A0250, 5A0251, 5A0252, 5A0266, 5A0278, 5A0356, 5A0392, 5A9348, 5A9350, 6A4235, 6A4257, 6A4394, 6A4715, 5A9345, 5A9342, 6A7440, 6A5651	71-51-41	IAE	2	

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RATING: C7: ENGINE-APU						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
25.	IGNITION SUPPLY HARNESS	5A0279, -B, 5A9305, 6A4395, 6A4716, 6A5668	71-51-44	IAE	2	
26.	N1 HARNESS	61-30196-001	WDM	BOEING.	2	
27.	MAIN ENGINE HARNESS	61-30198-306	WDM	BOEING.	2	
28.	TACHO GEN. HARNESS	61-30210-001	WDM	BOEING.	2	
29.	T/R HARNESS	61-30404-001	WDM	BOEING.	2	
30.	LH PYLON HARNESS	61-30442	WDM	BOEING.	2	
31.	RH PYLON HARNESS	61-30444	WDM	BOEING.	2	
32.	AIR INTAKE COWL HARNESS	740-3234-SERIES 740-3235-SERIES	71-11-43	IAE	2	
33.	FIRE DETECTION (SYS.B) HARNESS(R.H.CORE WIRE HARNESS)	740-5862-SIRIES	71-52-42	IAE	2	
34.	EEC & IGN.SUPPLY HARNESS	740-5870-SERIES	71-51-42	IAE	2	
35.	GENERAL SERVICE HARNESS	740-5966-XXX	71-51-43	IAE	2	
36.	FIRE DET. (SYS. A) CABIN SERVICE & NACELLE TEMP. HARNESS (L H CORE WIRE HARNESS)	740-5967-503,740- 5967-511 740-5967-513,740- 5967-517 740-5967-523	71-52-41	IAE	2	
37.	LH CORE HARNESS	740-5861-XXX	71-52-41	IAE	2	
38.	LH CORE HARNESS	740-5863-XXX	71-52-41	IAE	2	

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RATING: C7: ENGINE-APU						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
39.	VOLTAGE DIVIDER HARNESS ASSY.	6A8933	71-52-43	IAE	2	
40.	IGNITION AND PROBE HEATER	005RLXX	71-51-49	ULTRA/ DOWTY ELECTRONICS	2	
41.	RESISTANCE BULB	57B28A	M-37	LEWIS ENGG. CO.	2	
42.	FAN SPEED/TRIM BALANCE PROBE HARNESS (NF HARNESS)	5A1361/5A0244B,C,D, 5A0044	72-32-37	IAE	2	
43.	FUEL TEMP. THERMOCOUPLE	73983600 73984200	73-35-15	TOSHIBA CORP	2	
44.	T12 TEMPERATURE SENSOR	RP198-00	73-21-45	AUXITROL	2	
45.	T12 TEMPERATURE SENSOR	RP198-01	73-21-45	AUXITROL	2	
46.	T12 TEMPERATURE SENSOR	154GL4	73-21-47	ROSEMOUNT	2	
47.	T12 TEMPERATURE SENSOR	0154GL5	73-21-47	ROSEMOUNT	2	
48.	T12 TEMPERATURE SENSOR	RP198-02/301-794-603-0		AUXITROL	1	
49.	IGNITION LEAD LH/RH (IGNITER PLUG LEADS).	10-319647-1 10-319648-1	74-21-3	BENDIX	2	
50.	IGNITION EXCITOR TCFN-2	10-353875-3,-4	74-11-01	UNISON /BENDIX	2	
51.	IGNITION BOX (IGNITION EXICTER)	9045330-2E, 2F TFN-1133	74-11-38	UNISON	2	
52.	IGNITION LEAD	9045405-1, -2...Series	74-21-43	UNISON	2	
53.	IGNITER PLUG	AA72SA ALT. 518366	74-21-21	BOEING MAIN MANUAL/CHAMPION	2	
54.	IGNITOR PLUG	JS-100A, -1	74-21-41	NGKSPARKPLUG	2	

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RATING: C7: ENGINE-APU						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
55.	NACELLE TEMP SENSOR	RP162-01/02	75-41-15	AUXITROL	2	
56.	EGT PROBE FOR-17,-17A (IMMERSION THERMOCOUPLE)	(IC698158,698159, 623595) 490830,511193	77-21-01	PRATT & WHITNEY	2	
57.	THERMOCOUPLE	4T8027, 2A2224,2A2160	77-21-15	SCHLUMBERGER / WESTON AEROSPACE	2	
58.	EGT PROBE FOR-9A	531380,766592, 756099,757019	77-21-01	PRATT & WHITNEY	2	
59.	EGT HARNESS	664236/792863	77-22-01	PRATT & WHITNEY	2	
60.	VIBRATION HARNESS	922-168-000-031 922-167-000-031	77-32-43	IAE	2	
61.	EGT JN. BOX & HARNESS	IAE-2A1609, 2A1380 HAD19824, 19669	77-21-43	HARCO	2	
62.	EGT JUNCTION BOX & HARNESS	2A1117 2A3580 2A4337		IAE	2	
63.	EGT JUNCTION BOX & HARNESS	25975-000 30040-000 HAD19475		HARCO	2	
64.	LH & RH HARNESS T/C	HAD19670, HAD19671 HAD19825, HAD19826 30041-000, 30042-000 2A4339, 2A4340		HARCO/IAE	2	
65.	THERMOCOUPLE	792-6-19, 792-6-20		WESTON AEROSPACE	1	

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RATING: C7: ENGINE-APU						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
66.	THERMOCOUPLE	4T8048,4T8050, 2A4328		IAE	1	
67.	THERMOCOUPLE	HAD19795, 30030- 000		HARCO	1	
68.	LEFT C-DUCT ELECT HARNESS	740W0287	78-32-47	IAE	2	
69.	RIGHT C-DUCT ELECT HARNESS	740W0288	78-32-77	IAE	2	
70.	OIL SCAVENGE TEMP. RESISTANCE TEMP. DETECTOR	56B98	79-32-16	LEWIS ELECTRONIC INSTRUMENTATION	2	
71.	THERMOCOUPLE OIL TEMPERATURE (I.D.G)	73983700 73984300 IAE PT. NO. 5U0026 5U0030	79-32-15	TOSHIBA	2	
72.	TEMP.BULB	MS28034/1122-027	MIL-T-7990B (M- 37)	LEWIS ENGG. CO.	2	
73.	ENG.START VALVE (3" DIA STARTER S.O.V.)	2730426	80-10-03	PARKER	2	
74.	ENG.START VALVE (3" DIA STARTER S.O.V.)	979070-1 SERIES	80-10-39	HONEY WELL	2	
75.	ENG.START VALVE (3" DIA STARTER S.O.V.)	979078-SERIES	80-11-71	HONEY WELL	2	
76.	ENG.START VALVE (3" DIA STARTER S.O.V.)	979102-SERIES	80-10-63	HONEY WELL	2	
77.	ENG. START SWITCH	A9-10006-1 / -2	CH. 80 (DRAWING SCHEMATIC)	ALLEY /EATON	2	


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<u>RATING: C8: FLIGHT CONTROLS</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	SOLENOID	440EP01	27-31-11	ECE	2	
2.	RUDDER ART FEEL SOLENOID	450EP01Y, 450EP01Y01	27-21-01	SAFRAN	2	
3.	LINEAR ACTUATOR (MODEL 6012A-1)	601200-02	27-64-10	CONDUCTORN	2	
4.	STAB TRIM ACTUATOR (ROTARY ACT. MODEL NO. 6513F)	651300-08	27-44-10	MC DONNEL	2	
5.	REED S/W(PART OF L.E.S. ACTUATOR ASSY)	65-44651-12	27-80-11	BOEING	2	
6.	FLAP/SLAT POS. INDICATOR	65-52807-SERIES	27-56-40	BOEING	2	
7.	SOLENOID VALVE	667C0000-02	27-09-41	LIEBHERR	2	
8.	CARD ASSY	69-62252-03, -10, -13	27-56-48	BOEING	2	
9.	MOTOR WING FLAP EMG. DRIVE	793T100-5, -7	27-50-02	TELE FLEX	2	
10.	CARD ASSY PROXIMITY	8-060-02, -07, -10	27-09-01	CRANE	2	
11.	SOLENOID VALVE	903A0000, 903A0000-01	27-09-42	LIEBHERR	2	
12.	CONTROL SHAKER ASSY.	C-07202-2	27-30-03 (34-18-03)	SAFE FLIGHT	2	
13.	SPEED BRAKE ACTUATOR	R5303-3, -5, -51	27-44-01	PLESSEY DYNAMICS CO.	2	

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RATING: C9: FUEL

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	REFUEL VALVE ELEMENT	1158000-21 FRH241001	28-25-61	FLT. REFUEL LTD. / EATON	2	
2.	FUEL ISOLATION VALVE (APU FUEL S.O.VALVE)	20700-300	28-20-02	WESTLAND SITEC	2	
3.	TIME DELAY SWITCH	2-462	28-00-01	CRANE ELDECO CORP	2	
4.	FUEL BOOSTER PUMP	258000-3, -5	28-20-1	ARGOTECH	2	
5.	FLOOD LT & BAY LT PANEL-REFUEL	2LA005482-00 2LA005482-15	28-25-31	HELLA KG HUECK	2	
6.	PUMP FUEL TYPE 8410 MK 1, 2 &5	568-1-27202-SERIES	28-21-51	PLESSY AEROSPACE/EATON	2	
7.	FUEL S.O.VALVE (DE-FUELLING S.O. VALVE)	60127 , 6568	28-20-03	J.C. CARTER	2	
8.	FUEL S.O.VALVE	6563,60128,61183,6 1185 (BOE P/N 10- 60529 SERIES)	28-20-02	J.C. CARTER	2	
9.	AIR RELEASE VALVE	9813395	28-21-41	EATON	2	
10.	BOOSTER PUMP RELAY	A410-159673-01 (BOE P/N 10-60450- 1,-2)	CMM- N/AVAILABLE	GUARDIAN ELECTRIC	2	
11.	APU F.S.O.VALVE	AV16E1209D	28-1-1	ITT GEN CONTROL	2	
12.	ACT. FUEL ISOLATION VLV.	B27000 & A08000	28-20-02	WESTLAND SITEC	2	
13.	PUMP FUEL (APU)	C12CB00 SERIES	28-24-11	BOONZAVIA AIR EQUIP./ GOOD RICH	2	
14.	REFUEL/DEFUEL PANEL 800VU	D9255 SERIES	28-25-55	AIRBUS IND.	2	
15.	ACT-FUEL VLV. TWIN MOTOR	HTE190001, HTE190001-1, HTE190001-2	28-01-11	THE / EATON	2	


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RATING: C9: FUEL

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
16.	ACT-FUEL VLV. SINGLE MOTOR	HTE200002, HTE200002-1	28-01-10	THE /EATON	2	


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<u>RATING: C12: HYDRAULIC</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	OVHT.SWITCH 'B'PUMP	(BOE P/N 10-3207-1), G37-1C	29-20-16	UNITED CONTROL	2	
2.	HYD.STDBY.PUMP MOTOR	10470-SERIES	29-20-01	SUNDSTAND	2	
3.	PUMP MOTOR	10500-SERIES	29-20-02	SUNDSTAND	2	
4.	MOTOR	1301-X	29-10-05	THALES AVIONICS ELEC.MOTORS	2	
5.	TRANSFORMER CURRENT	190QA01	29-21-25	ECE	2	
6.	DETECTOR PHASE UNBALANCE	310ZN01Y01	29-09-49	ECE	2	
7.	AIRBORNE GRD. CHECK MODULE	682005 SERIES 769 SERIES	29-21-27	HAMILTON SUNS TRAND	2	
8.	RAM AIR TURBINE (RAT) CONTROL PANEL	682007001, 682007003, 682007004	29-21-26	DOWTY ELECTRICS	2	
9.	LIQUID COOLED MOTOR (MOTOR HYD.PUMP)	7501 SERIES 5005777, 62735 66432 SERIES 62176 SERIES 62461SERIES	29-20-16	SUNDSTRAND /PARKER	2	
10.	BY PASS VLV (SELECTOR VALVE)	AV13J5100 SERIES	29-10-05	ITT GENCO	2	
11.	HYD.S.O.VALVE	AV16B1350	29-11-01	ITT AERO-CONTROL	2	
12.	PARKING BRAKE S.O VALVE	AV24E1144	29-10-02	ITTCONTROL /GENERAL	2	
13.	VALVE FIRE SHUT OFF	E01000 E01A00	29-10-01	WESTLAND SITEC	2	
14.	VALVE FIRE SHUT OFF	E03000, E03A00	29-10-04	SITEC AEROSPACE	2	
15.	3/2 WAY VALVE	S4-3400950-SERIES	29-10-13	LIEBHERR	2	OF SOLENOID ONLY

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RATING: C12: HYDRAULIC

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
16.	TRANSDUCER/SWITCH TEMP	TM 113-1	29-30-07	DIEHL	2	
17.	TRANSDUCER/SWITCH TEMP.	TM113	29-30-04	DIEHL	2	


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RATING: C13: INSTRUMENTS

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	108 VU	108 VU	WDM	AEROSPATIALE	2	
2.	110 VU	110 VU	WDM	AEROSPATIALE	2	
3.	111 VU	111 VU	WDM	AEROSPATIALE	2	
4.	20 VU	20 VU	WDM	AEROSPATIALE	2	
5.	21 VU	21 VU	WDM	AEROSPATIALE	2	
6.	22 VU	22 VU	WDM	AEROSPATIALE	2	
7.	23 VU	23 VU	WDM	AEROSPATIALE	2	
8.	24 VU	24 VU	WDM	AEROSPATIALE	2	
9.	25 VU	25 VU	WDM	AEROSPATIALE	2	
10.	30 VU	30 VU	WDM	AEROSPATIALE	2	
11.	301 VU	301 VU	WDM	AEROSPATIALE	2	
12.	35 VU	35 VU	WDM	AEROSPATIALE	2	
13.	40 VU	40 VU	WDM	AEROSPATIALE	2	
14.	402 VU	402 VU	WDM	AEROSPATIALE	2	
15.	50 VU	50 VU	WDM	AEROSPATIALE	2	
16.	500 VU	500 VU	WDM	AEROSPATIALE	2	
17.	52 VU	52 VU	WDM	AEROSPATIALE	2	


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<u>RATING: C13: INSTRUMENTS</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
18.	54 VU	54 VU	WDM	AEROSPATIALE	2	
19.	AURAL WARNG.BOX	65-54499-15	31-26-01	BOEING	2	
20.	A.C SYS. GEN./ APU MODULE	69-37314-19,-23	31-36-30 (32-43-15)	BOEING	2	
21.	GEN. DRIVE/ST BY POWER MOD.	69-37315-43,-54	31-10-66	BOEING	2	
22.	HYD.PUMP MODULE	69-37317-54	31-10-04	BOEING	2	
23.	AIR COND. MODULE	69-37319-60	31-36-93	BOEING	2	
24.	ELECTRIC METER – BATTERY & GALLEY POWER MOD.	69-37321-28	31-36-19	BOEING	2	
25.	CABIN TEMP.MODULE	69-37324-13,-18	31-36-31	BOEING	2	
26.	FUEL SYS.MODULE	69-37335-45	31-36-26	BOEING	2	
27.	THRUST REV. OVERRIDE MODULE	69-37357-26	31-36-53	BOEING	2	
28.	CARD ASSY (POWER & GROUND SENSING)	69-51810, -8, -14, -18, -20, -22, -32, -33	31-36-74	BOEIGN	2	
29.	GROUND SENSIGN CARD ASSY.	69-51813,-1, 3, 8, 9, 11, 13	31-36-07 (24-09-01)	BOEING.	2	
30.	CARD ASSY (ENG. /APU FIRE DET.)	69-51860-1 / -3	31-36-37	BOEING	2	
31.	CARD ASSY	69-54338-1	31-10-70	BOEING	2	
32.	CARD ASSY (MDA LIGHT DIMMING	69-55176-1V	31-36-47	BOEING	2	
33.	IND.LIGHT DIMMING MODULE	69-55179-23	31-36-41	BOEING	2	

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RATING: C13: INSTRUMENTS

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
34.	CARD ASSY (ENG. & WING ANTI ICE)	69-60438-1	31-36-61	BOEING	2	
35.	CARD ASSY (M254 FUEL MODULE)	69-60701-1V	31-36-60	BOEING	2	
36.	CARD ASSY (MASTER CAUTION & VALVE INDICATION).	69-60730-1	31-36-73	BOEING	2	
37.	CARD ASSY (VOLTAGE SENSOR)	69-60761-1	31-36-64	BOEING	2	
38.	CARD ASSY (MASTER DIM)	69-60764-1,-3	31-36-65	BOEING	2	
39.	CARD ASSY. (HYD. PUMP MOD.)	69-76472-1 THRU' - 13	31-10-05	BOEING	2	
40.	CIRCUIT BREAKER	7276-13 6752-311	-	KLIXON	2	
41.	8 VU	8 VU	WDM	AEROSPATIALE	2	
42.	800VU	800VU	WDM	AEROSPATIALE	2	
43.	115VU	D9550011500195	31-12-11	AIRBUS IND.	2	
44.	BOX RELAY	E438-6A	31-68-08	GEPE	2	


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RATING: C14: LANDING GEAR

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	HARNESS-MAIN LANDING GEAR	201134007,8,15,16	32-11-43	ULTRA ELECTRONICS	2	
2.	HARNESS-MAIN LANDING GEAR	201158001 TO 4,7,8	32-11-43	ULTRA ELECTRONICS	2	
3.	HARNESS-MAIN LANDING GEAR	201159001 TO 4,7,8	32-11-43	ULTRA ELECTRONICS	2	
4.	HARNESS-MAIN LANDING GEAR	201168003 TO 08,14,15,18 TO 22	32-11-43	ULTRA ELECTRONICS	2	
5.	LOWER ELEC. HARNESS	201170201 201170203 201170268 201170269	32-11-44	SAFRAN	2	
6.	HARNESS ELCT.1M	201172230 201172231	32-11-42	SAFRAN	2	
7.	HARNESS ELECT. 2M	201172240 201172241 201172271 201172272	32-11-42	SAFRAN	2	
8.	ELECTRICAL HARNESS	201172248 201172249 201172250 201172251	32-11-42	SAFRAN	2	
9.	LOWER ELEC. HARNESS	201357205 201357206	32-11-44	SAFRAN	2	
10.	L/G CONTROL LEVER	210TS07YXX- 215TS07Y01XX	32-31-13	ECE	2	
11.	L/G CONTROL LEVER	227TS05Y	32-31-10	ECE	2	
12.	BRAKE TEMP. MONITERING UNIT	35-1H5-1001,Amd. A,B,AB 35-1H5-1002	32-47-18	AEROSPATIALE /THALES	2	
13.	BTMU	35-1H6-1000 35-1H6-1001	32-47-19	AEROSPATIALE	2	


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<u>RATING: C14: LANDING GEAR</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
14.	ANTI SKID VALVE	39-353	32-40-52	CRANE	2	
15.	TRANSDUCER	40-817 (BOEING PN. 10-61093-181)	32-40-53	CRANE	2	
16.	ANTI SKID MODUEL (CONTROL BOX ASSY.)	42-265	32-40-51	CRANE	2	
17.	ANTI SKID BOX (CARD ASSY.)	42-26534 42-26599	32-40-51 (31-36-61)	CRANE	2	
18.	A/SKID-A/BRAKE MODULE	42-651-01	32-40-87	CRANE	2	
19.	LANDING GEAR HARNESS	65-49753-8	WDM	BOEING	2	
20.	L/G MODULE	65-52811-113,-32	32-66-44	BOEING	2	
21.	CARD ASSY. (L/G INDICATION)	65-58250-23	32-66-41	BOEING	2	
22.	AUTO BRAKE ACC.UNIT ASSY.	65-79479-5,-7	32-43-02	BOEING	2	
23.	L/G P.C. ASSY	69-60177-1SERIES	32-66-42	BOEING	2	
24.	AUTOMATIC BRAKE P.C. ASSY	69-61741-1	32-43-12	BOEING	2	
25.	CARD ASSY. (AUTOMATIC BRAKE P.C. ASSY.)	69-61741-15	32-43-15	BOEING	2	
26.	PROXIMITY SENSOR	8-695-01 8-372-02 8-484-01	32-10-03	CRANE ELDEC	2	
27.	TRANSDUCER	9550339	32-48-04	GOOD YEAR	2	
28.	CARD ASSY(ANTI SKID MODULE)	9560997-2	32-48-03	LORAL	2	
29.	ANTISKID MODULE	9561006-2,-1,-3	32-48-03	LORAL	2	


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RATING: C14: LANDING GEAR

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
30.	TACHOMETER	C20105000,-1-2 C20105100	32-46-15	SAFRAN	2	
31.	TRANSMITTER BRAKE/PADAL	C20215000	32-47-26	MESSIER BUGATTI	2	
32.	THERMOCOUPLE	C20229001 C20229000	32-47-21	MESSIER BUGATTI	2	
33.	TACHOMETER	C-20246000 C-20246000-1, -2	32-47-36	SAFRAN	2	
34.	BOX SENSOR (SENSOR – STEERING FEED BACK)	C24763000	32-57-06	SAFRAN	2	
35.	ELECTRICAL LOOM	D22367020 D22368020	32-09-28	MESSIER BUGATTI	2	
36.	ELECTRICAL BOX	D23119000 D23119010	32-57-07	MESSIER DOWTY	2	
37.	ELECTRICAL BOX	D23119100	32-57-08	MESSIER DOWTY	2	
38.	ELECTRICAL BOX	D23119500 D23119510 D23119500-1 D23119510-1	32-57-09	MESSIER DOWTY	2	
39.	ELECTRICAL BOX	D23119600, -1	32-57-10	MESSIER DOWTY	2	
40.	ELECTRICAL BOX	D23119700, -1 D23119720, -1	32-57-13	SAFRAN	2	
41.	ELECTRICAL BOX	D23119750 D23119760 D23119770, -1	32-57-17	SAFRAN	2	
42.	ELECT. HARNESS 1M UPPER (NGL)	D23120000 D23120000-1 D23120001	32-07-01	SAFRAN	2	


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RATING: C14: LANDING GEAR						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
43.	ELECTRICAL LOOM (NLG ELECT. HARNESS 2M UPPER)	D23121000 D23121000-1 D23121001 D23121001-1	32-07-02	SAFRAN	2	
44.	ELECTRICAL LOOM (UPPER ELECT. HARISS)	D23121100-1 D23121101 D23121101-1, -2	32-07-08	SAFRAN	2	
45.	ELECTRICAL LOOM (UPPER ELECT. HARNESS 2M)	D23121111, -1	32-07-11	SAFRAN	2	
46.	LOWER ELECT. HARNESS (NLG)	D23150000 D23150000-1 D23150001	32-07-03	SAFRAN	2	
47.	INTERMEDIATE ELECT. HARNESS (NLG)	D23154000 D23154000-1 D23154001	32-07-04	SAFRAN	2	
48.	INTERMEDIAT ELECT. HARNESS	D23154010 D23154010-1 D23154011	32-07-07	SAFRAN	2	
49.	UPPER ELECT.HARNESS IM (NLG)	D23159000 23159000-1 D23159001	32-07-05	SAFRAN	2	
50.	LOWER ELEC.HARNESS	D23160000 D23160000-1 D23160000-2 D23160001	32-07-06	SAFRAN	2	
51.	ELECTRICAL BOX	D23354000, -1, -2 D23354010,-1,-2 D23354100,-1,-2	32-57-15	MESSIER DOWTY	2	


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RATING: C14: LANDING GEAR

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
52.	IM UPPER ELECT. HARNESS	D23627000	32-07-09	SAFRAN	2	
53.	2M UPPER ELCT. HARNESS	D23628000,-1	32-07-10	SAFRAN	2	
54.	INTERMEDIATE ELECT. HARNESS	D23629000	32-07-13	SAFRAN	2	
55.	LOWER ELECT. HARNESS	D23630000,23630020	32-07-12	SAFRAN	2	
56.	BRAKE COOLING FAN	EVT506, A, B	32-48-18	TECHNOFAN	2	
57.	PROXIMITY SENSOR	8-933 SERIES	32-10-03	CRANE ELDEC	2	


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<u>RATING: C17: PNEUMATICS</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	SENSOR 490°F	2414-1A (BOE PN. 10-60133-5)	M-44	UNITED CONT.	2	
2.	ENG.BLEED VALVE	2760000-101	36-10-13	PARKER	3	
3.	AIR SHUT OFF VALVE (FWD. OUT FLOW VALVE)	32-2684-003 32-2684-004	36-10-04 (36-10-03)	JANITROL/ HONEYWELL	2	
4.	THEROMOSTATE CONTROL	341B010000	36-11-43	ABGSEMCA	2	
5.	SOLENOID-CONTROL	342A010100	36-11-44	ABGSEMCA	2	
6.	PACK VALVE (3½ "DIA FLOW CONTROL VLV.)	396064-1-1	36-10-27	HONEYWELL	2	
7.	SENSOR TEMP.	4072	36-11-17	LABEM S.A	2	
8.	H.P.B.V. (H.P. REGULATING VLV.)	6713D Series	36-11-51	LIEBHERR	1	
9.	P.R.V. (BLEED PRESSURE REGULATION VLV.)	6714D Series	36-11-52	LIEBHERR	1	
10.	SENSOR (EXCHANGER OUTLET TEMP.)	P3C0040800	36-11-06	LABEM S.A	2	

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RATING: C18: PROTECTION ICE/RAIN FIRE

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	FIRE PANNEL ENGINE / APU	330TS08Y., 335TS08Y00	26-24-13	ECE /ZODIAC	2	
2.	CABLE ASSY.(ELECT.)	35301-XXX 35302-XXX	26-14-13	FENWAL	2	
3.	WIRE & FITTINGS.	35303-XXX	26-14-14	FENWAL	2	
4.	CONTINUOUS SENSING ELEMENT	355XX-2,-3,-4 356XX-2,-3,-4	26-14-12	FENWAL	2	
5.	FIRE/ OVERHEAT DETECTOR	3601 SERIES	26-10-38	SYSTRON DONNER/ MEGGITT	2	
6.	DETECTOR-FIRE/OVERHEAT	4550-01 6350 SERIES	26-10-44	SYSTRON DONNER /WHITTAKER S.S.D	2	
7.	SOLENOID ACT.SHUT OFF VALVE (CHECK VALVE)	511000	26-20-93	APCO	2	
8.	WIRE BUNDLE (PYLON)	61-30444-009	CH.26 (AS-WDM)	BOEING	2	
9.	COMPT.OVHT.MODULE	65-52808-6, -7	26-10-32	BOE COMP.	2	
10.	FIRE DETECTOR UNIT	65-52809-13 , 15	26-10-31	BOE COMP.	2	
11.	APU FIRE WARN HORN M 277	65-68945 SERIES	26-10-34	BOE COMP.	2	
12.	ENG./APU FIRE CONT. UNIT	69-37307-SERIES (DASH NUMBERS LIMITED)	26-10-45 26-10-47	BOE COMP.	2	
13.	CARD ASSY.(E/N HI-TEMP/APU)	69-66290-0,-1,-3	26-10-02	BOEING	2	
14.	FIRE PANNEL ENGINE / APU	700TS06Y SERIES	26-24-12	ECE	2	
15.	FIRE OVERHEAT DETECTOR	7101 SERIES	26-10-65	MEGGIT	2	
16.	FIRE DETECTOR UNIT	7304-()	26-12-34	MEGGIT	2	

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RATING: C18: PROTECTION ICE/RAIN FIRE

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
17.	FIRE/ OVERHEAT DETECTOR ASSY.	7702 -SERIES	26-12-15	SYSTRON DONNER /MEGGITTE	2	
18.	FIRE & OVERHEAT DETECTOR ASSY.	7827-02	26-12-17	SYSTRON DONNER /MEGGITTE	2	
19.	SQUIB FIRE EXT.	805300-44,-45	26-31-34	WALTER KIDDE	2	
20.	HEAD DISCHARGE	86181505	26-21-41	THOMSON CSF /HOTELLIER	2	
21.	CARTRIDGE	86182008	26-21-41	THOMSON CSF/HOTLLIER	2	
22.	SENSOR FIRE (ARMORED SENSING ELEMENTS).	894 SERIES (BOE P/N 10-61096SERIES)	26-11-51	WALTER KIDDE	2	
23.	CARD ASSY.(E/N HI TEMP /APU)	894090	26-11-16	KIDDE	2	
24.	CARD ASSY.(E/N LOW TEMP)	894105	26-11-16	KIDDE	2	
25.	SHUT DOWN SWITCH (ENG. FIRE .S.O. SWITCH)	989-0504,-0505,-0506 (BOE. P/N 10-61318-4,-5,-6)	EL-90	MNSON ELECT.	2	
26.	CARTRIDGE	A805 SERIES 895 SERIES	26-21-34	KIDDE AEROSPACE	2	
27.	DETECTOR SMOKE	CG7PO, CG7GO-SERIES	26-11-15	CERBERUS S A GUINARD	2	
28.	SDCU	RAI2800 SERIES	26-17-34	SFENA/ THALES/SEXTANT	2	
29.	SMOKE DETECTOR	PAI2800-XX	26-17-15	CERBERUS GUINARD	2	

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RATING: C18: PROTECTION ICE/RAIN FIRE

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30.	SMOKE DETECTOR	GAI2800-XX	26-17-15	CERBERUS GUINARD	2	
31.	SMOKE DETECTOR	PPA11XX-XX	26-16-16	SIEMENS	2	
32.	SMOKE DETECTOR	PPA12XX-XX	26-16-16	SIEMENS	2	
33.	SMOKE DETECTOR	GPA12XX-XX	26-16-16	SIEMENS	2	
34.	SMOKE DETECTOR	CGDU 2000-00, CGDU 2200-00, CGAB 2001-00	26-16-17	SIEMENS SAS	2	
35.	WTC	231-2		PRIMEX AEROSPACE CO.	2	
36.	PNEUMATIC THERMOSTATE (THERMOSTATE VALVE)	129240-1, 129738- 1	30-10-11	AIR SEARCH/HONEYWELL	2	
37.	RAIN REPELLENT VALVE	3217-100, 3217- 200	30-45-11	IN-LHC	2	
38.	MOTOR CONVERTER (WIPER LH)	4249026LH 4291041LH 4307792LH	30-45-56	ZODIAC AEROSPACE	2	
39.	MOTOR CONVERTER (WIPER RH)	4249033RH 4291034RH 4307785RH	30-45-56	ZODIAC AEROSPACE	2	
40.	TIMER	4252161 4307807	30-45-57	ZODIAC AEROSPACE	2	
41.	ENG. & WING A/ICE MODULE	69-37320-SERIES	30-12-02	BOEING	2	
42.	TIME DELAY MODULE RAIN REPELLENT	69-56314-1	30-46-05	BOEING	2	
43.	SOL.VLV.RAIN REPELLENT	C-201-SERIES	30-43-01	ARO	2	


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RATING: C18: PROTECTION ICE/RAIN FIRE

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44.	XFORMER DRAIN MAST HEATING TYPE 3092	DIE 3092-E	30-71-00	DIEHL	2	
45.	CONTROL UNIT	Z212H SERIES	30-70-01	KID SYSTEME/AIRBUS	2	
46.	CONTROL UNIT-DRAIN MAST	Z220H SERIES	30-71-04	MBB/KID SYSTEM/AIRBUS	2	
47.	WINDOW HEAT COMPUTER (WHC)	416-00318-series	30-42-36	SAFRAN	2	
48.	MOTOR CONVERTER	4279198 RH 4279204 LH	30-45-51	ZODIAC	2	

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<u>RATING: C19: WINDOWS</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	WINDOW CO-PILOT	5-89354-3076	WDM	BOEING	2	
2.	WINDOW NO.1 PILOT	5-89354-3095	WDM	BOEING	2	
3.	WINDOW NO.3 PILOT	65-38210-17	WDM	BOEING	2	
4.	WINDOW CO-PILOT	65-38210-18	WDM	BOEING	2	
5.	CORD	E0488HL		EADS NORMALISATION STANDARD ASN	2	

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1.5 INSTRUMENT OVERHAUL SHOP, DELHI


RATING: C1: AIRCONDITIONING & PRESSURISATION

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	VALVE POSITION IND.	114-029	21-30-01	KRATOS	3	
2.	DIFFERENTIAL PRESSURE SWITCH	1209-100	21-26-11	ZODIAC	2	
3.	DIFFERENTIAL PRESSURE SWITCH	1218-100	21-28-00	IN-LHC	2	
4.	CABIN AIR TEMP. IND	162BL903	21-20-20	LEWIS	3	
5.	PR. CONTROLLER	710204-7	21-32-00	HAMILTON STANDARD	3	
6.	PR. CONTROL PANEL	711002-5	21-31-00	HAMILTON STANDARD	3	
7.	OUT FLOW VALVE	711003-3	21-33-00	HAMILTON STANDARD.	3	
8.	VALVE POSITION INDICATOR	713655-X	21-31-15	HAMILTON STANDARD	3	
9.	SAFETY VALVE	720737-4	21-34-00	HAMILTON STANDARD	2	
10.	SAFETY VALVE	720737-5	21-34-00	HAMILTON STANDARD	2	
11.	CABIN PR. CONTROLLER	761260-7	21-32-00	HAMILTON STANDARD	2	
12.	PR. CONTROLLER	763810-2	21-31-11	HAMILTON STANDARD / UTC	2	
13.	PRESSURE SENSOR	768A0000-03	21-51-12	LEIBHERR	2	
14.	PRESSURE CONTROLLER	9022-15702-XX	21-31-20	NORD MICRO	2	
15.	OUTFLOW VALVE	9023-15703-71/81/XX	21-31-30	NORD MICRO	3	
16.	SAFETY VALVE	9024-15704-XX	21-31-40	NORD MICRO	3	
17.	LANDING FIELD ELEVATION SELECTOR	9027-16120	21-31-50	NORD MICRO	2	


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RATING: C1: AIRCONDITIONING & PRESSURISATION

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
18.	LANDING FIELD ELEVATION SELECTOR	9027-20010	21-31-51	NORD MICRO	2	
19.	PRESSURE SENSOR	9104A0003-XX	21-51- 46	LEIBHERR	2	
20.	CABIN ALT. DIFF PR.IND.	AW2835AB01	21-30-01	AMTEK	2	
21.	VALVE POSITION IND.	F-LIBB-E32A	21-31-1	HAMILTON STANDARD	3	
22.	PRESSURE SWITCH	HTE690047	21-20-07	EATON	2	
23.	FLOW SENSOR	9106A005 Series	21-52-49	LIEBHERR	1	

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RATING: C2: AUTOFLIGHT						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	INDICATOR RUDDER TRIM	195PN01Y01	22-24-11	ECE	2	
2.	M.C.D.U.	4055500-905/6/X ALT K226ABM3/4/X	22-82-01	HONEY WELL	2	
3.	FLIGHT CONTROL UNIT	K217ABM8/9	22-81-01A	THALES	2	
4.	FLIGHT CONTROL UNIT	K217ABM10	22-81-20A	THALES	2	
5.	PITCH CONTROL CHANNEL	2588810-901	22-10-40	HONEYWELL	3	
6.	PITCH CONTROL CHANNEL	2588810-903	22-10-40	HONEYWELL	3	
7.	ROLL CONTROL CHANNEL	2588812-901	22-10-30	HONEY WELL	3	
8.	ROLL CONTROL CHANNEL	2588812-902	22-10-30	HONEY WELL	3	
9.	POSITION SENSOR	2588838	22-51	HONEY WELL	3	
10.	AUTOMATIC STABILIZER TRIM POTENTIOMETERS	2589918-901	22-10-87	SPERRY	3	
11.	MACH. TRIM COUPLER	2590650-901	22-20-92	HONEY WELL	3	
12.	A/P ACC.SWITCHING UNIT	65-52802-1	22-16-31	BOEING OHM	2	

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RATING: C2: AUTOFLIGHT

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
13.	A/P ACC. UNIT	65-52812-107	22-16-05	BOEING OHM	3	
14.	A/P ACC. UNIT	65-52812-52	22-16-05	BOEING OHM	3	
15.	A/P ACC. UNIT	65-52812-72	22-16-05	BOEING OHM	3	
16.	FORCE TRANSDUCER	GM5341-1/-6	22-10-01	KAVLICO	2	
17.	AIL.FORCE LIMITER	R1053M17-1	22-10-01	PLESSY	3	
18.	LIMIT MECHANISM ASSEMBLY	R1053M2-1	22-10-01	GE AVIATION	3	
19.	RUDDER TRIM INDICATOR	196PN01Y02	22-67-01	ZODIAC AERO ELECTRIC	2	



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RATING: C3: COMMUNICATION & NAVIGATION

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	TAT PROBE	102AH2AG	34-18-52	ROSE	2	
2.	TAT PROBE	102AH2AF	34-18-52	ROSE	2	
3.	SENSOR TOTAL TEMP	102EH2BH	34-18-62	ROSEMOUNT	2	
4.	TOTAL TEMPERATURE SENSOR	102EH2EB	34-18-63	UTC	2	
5.	TAT/EPRL IND.	157770-01-01	34-10-03	LSI/SMITH	3	
6.	TAT/EPRL COMPUTER	157771-02-01	34-10-62	LSI/SMITH	3	
7.	FLIGHT MODE SELECTOR PANEL	161714-02-01	34-10-64	SMITHS	3	
8.	PERFORMANCE DATA COMPUTER	163356-88-01	34-11-07	SMITHS	3	
9.	CONTROL DISPLAY UNIT	163393-04-01	34-11-02	GE AVIATION	3	
10.	MODE ANNUNCIATOR UNIT	163396-01-01	34-11-03	SMITHS	3	
11.	INDICATOR CABIN ROC	1680-4U-A2	34-10-06	LITTON	3	
12.	LEDEX RELAY	172838-001	DWG	LEDEX	3	
13.	GYRODYNE ® COMPASS IND.	1784460-655	34-20-10	HONEY WELL	2	
14.	SERVOED MACH AIRSPEED IND.	2083-08-1	34-12-02	GE AVIATION	3	
15.	ANGLE OF AIRFLOW SENSOR	2566A21	27-32-01	CONRAC	3	
16.	ANGLE OF AIRFLOW SENSOR	2566A30	34-18-1	CONRAC	3	
17.	V.G.	2587335-11	22-50	HONEY WELL	3	
18.	D.G.	2588302-4	34-20-12	HONEY WELL	2	
19.	INDEXED FLUX VALVE	2589419-901	34-21-08	HONEY WELL	2	
20.	INDICATOR, TOTAL AIR TEMP.	40-302	34-13-04	RAGEN DATA SYS.	3	
21.	PROBE PITOT	50620-10	34-11-09	SEXTANT/THALES	2	
22.	D.M.E INDICATOR	522-1859-033	34-42-3	COLLINS	3	
23.	C.D. I	522-2782-004	34-24-7	COLLINS	2	
24.	INST. AMPLIFIER	522-3874-003	34-25-03	COLLINS	3	
25.	COMPARATOR WARNING MONITOR	522-3949-001	34-00-02	COLLINS	3	
26.	ROLL STEERING COMPUTER	522-4428-006	34-26-01	COLLINS	3	
27.	PITCH STEERING COMPUTER	522-4892-006	34-26-02	COLLINS	3	

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28.	F.D. CONTROL PANEL	522-4940-001	34-25-11	COLLINS	3	
29.	COMPASS SYSTEM RACK	614937-101	34-6-0	HONEY WELL	2	
30.	DIGITAL RMI / ADF INDICATOR	63540-041-2	34-50-02	THALES	2	
31.	DDRMI INDICATOR	63543-150-2	34-57-22	/THALES	2	
32.	DDRMI	63543-250-1/-2/-X	34-57-23	SEXTANT	2	
33.	AIRSPED INDICATOR	64050-866-1	34-10-02	THALES	3	
34.	ALTIMETER	64141-580-1	34-21-22	THALES	3	
35.	FLIGHT INSTT. ACC. UNIT	65-52805-162	34-20-40	BOEING OHM	3	
36.	FLIGHT INSTT. ACC. UNIT	65-52805-337	34-22-13	BOEING OHM	3	
37.	FLIGHT INSTT. ACC. UNIT	65-52805-371	34-22-13	BOEING OHM	3	
38.	V.H.F.& COMPASS MODULE	69-37344-1	34-22-21	BOEING OHM	3	
39.	V.H.F.& COMPASS MODULE	69-37344-10	34-22-21	BOEING OHM	3	
40.	V.H.F.& COMPASS MODULE	69-37344-16	34-22-21	BOEING OHM	3	
41.	GYROSCOPIC HORIZON	705-7V4	34-23-24	THALES	3	
42.	F.D.I.	777-1224-003	34-25-12	COLLINS	3	
43.	PITOT TUBES	0851T/0851CM	34-11-07	ROSE MOUNT AEROSPACE	3	
44.	PITOT STATIC TUBE	0856AE19	34-10-66	UTC	2	
45.	PITOT STATIC TUBE	0856AE8 / 0856AE13	34-10-66	UTC	3	
46.	G.P.W.C	965-0376-070	34-45-02	ALLIED SIGNAL	3	
47.	COUNTER POINTER DRUM ALTIMETER	B0063-81108	34-10-40	SMITHS	2	
48.	ALTITUDE ALERTING CONTROL	B0652-71104-X	34-10-49	SMITHS	3	
49.	ALTITUDE ALERTING CONTROL	B0652-71113-X	34-10-49	SMITHS	3	
50.	OVERSPEED LIMIT SENSOR	B0707-10008	34-10-11	SMITHS	3	
51.	SERVOED ALTITUDE INDICATOR	B1800-81108	34-10-45	SMITHS	3	
52.	TOTAL PRESSURE PROBE	C16195XX	34-11-53	THALES	2	
53.	STANDBY COMPASS	C5C	34-22-01	AMTEK	3	
54.	COMPASS STBY.	C5K/C5X	34-20-04	AMTEK	3	

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55.	INST.COMPARATER LT.ASSY.	G-1248AB-1	DWG	GABLE	3	
56.	GYROSCOPIC HORIZON	H321BHM1	34-23-89	THALES	3	
57.	A.D.C.	HG180U-256	34-10-8	HONEY WELL	3	
58.	A.D.C.	HG180U-274	34-10-8	HONEY WELL	3	
59.	A.D.C.	HG180U-740	34-10-8	HONEY WELL	3	
60.	D.A.D.C.	HG480B13/BXX	34-11-01	HONEY WELL	3	
61.	STATIC SELECTOR VALVE	K4568-1	34-10-01	ESSEX	2	
62.	FLAP LOAD LIMITER SW.	PDC-1-1B-16	34-14-03	SCOTT	3	
63.	AIRSPPEED SWITCH	PDC1-1B-161	34-14-03	SCOTT	3	
64.	MACH A.S.I.	WL104AMAJA10/2	34-10-38	GE Aviation	3	


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RATING: C4: DOOR – HATCHES

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	DIFFERENTIAL PRESSURE SWITCH	1266-100	52-73-12	ZODIAC AEROSPACE	2	
2.	PR. GAUGE DOOR DAMPER	41581-1	52-11-03	BOURDEN	2	


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RATING: C5: ELECTRICAL POWER						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	DC VOLTMETER	205PN01Y01	24-30-01	SAFRAN	2	
2.	DC VOLTMETER	206PN01	24-30-02	ECE	2	
3.	RACK	404-050L1DPX2-404-050SBL1 R600—3RMP100-X R600-5FR100	23-09-01	BARRY CONTROL	2	
4.	C.S.D. LOP SWITCH	697902D/E	24-16-08	SUN STRAND	3	
5.	C.S.D. LOP SWITCH	700448D	24-11-06	SUN STRAND	3	
6.	A.P.D. I	75-0149-25	33-10-57	GRIME	3	

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RATING: C6: EQUIPMENT

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	PRESSURE GAUGE	18C18170-1	25-65-09	AIR CRUISER	2	
2.	PRESSURE GAUGE	18330904- 2	25-65-17	AIR CRUISER	2	
3.	PRESSURE GAUGE	23C17353-1	25-65-09	AIR CRUISER	2	
4.	PRESSURE GAUGE	61232-1	25-65-17	AIR CRUISER	2	
5.	PRESSURE GAUGE	805506-5	25-65-09	AIR CRUISER	2	
6.	PRESSURE GAUGE	C17849-101	25-65-09	AIR CRUISER	2	
7.	PRESSURE GAUGE	C37088-101	25-65-09	AIR CRUISER	2	
8.	PRESSURE GAUGE	D18300-7	25-65-17	AIR CRUISER	2	
9.	WATER QTY. TX.	1145-0015	38-10-01	KAISER	3	
10.	WATER QTY. TX.	1145-0035	38-10-01	KAISER	3	
11.	WATER PR. REGULATOR	1552-002-9	38-15-02	CARLTON	3	
12.	INDICATOR WATER QTY.	2094-0004	38-10-2	ROYLYN	3	
13.	INDICATOR WATER QTY.	2094-0011	38-10-03	KAISER	3	
14.	WATER TANK CONTENT TRANSMITTER	VT061-5	38-13-19	DIEHL	2	
15.	WATER TANK CONTENT TRANSMITTER	VT061-7/-71/-71XX AMDTXX	38-13-20	DIEHL	2	
16.	INDICATOR WATER QTY.	VT442-5	38-14-13	DIEHL	2	
17.	WATER QTY. INDICATOR	VT442-X	38-14-11	DIEHL	2	
18.	U.L.B.	DK-100/120	25-62-01	L3 AVIATION PRODUCT	2	

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RATING: C7: ENGINE- APU

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	GAUGE PR. SWITCH	1G196/-1	49-90-2	CUSTOM COMPONENT	3	
2.	GAUGE PR. SWITCH	1G259-1/-2	49-90-02	CUSTOM COMPONENT	3	
3.	LOW OIL PRESSURE SWITCH	3876125-5	49-26-51	HONEY WELL	2	
4.	OIL TEMP. SW	3876126-3	49-26-51	HONEY WELL	2	
5.	TEMP SENSOR	3876127-1	49-26-51	HONEY WELL	2	
6.	OIL LEVEL SW	3876128-2	49-26-51	HONEY WELL	2	
7.	INLET TEMP SENSOR	3876130-3	49-26-51	HONEY WELL	2	
8.	PRESSURE SENSOR	3876133-1	49-26-51	HONEY WELL	2	
9.	PRESSURE SENSOR (TOTAL)	3876134-1	49-26-51	HONEY WELL	2	
10.	DIFFERENTIAL PRESSURE TRANSDUCER	3876135-1	49-26-51	HONEY WELL	2	
11.	TEMP. SENSOR OIL	3876144-1	49-26-51	HONEY WELL	2	
12.	LOW OIL PR. SWITCH	698430-1	49-90-02	CUSTOM CONTROL	3	
13.	LOW OIL PR. SWITCH	698430-2	49-90-02	CUSTOM CONTROL	3	
14.	HOUR METER	698788-2	B4262ADWG	AWH	2	
15.	LOW OIL FLOAT SW.	F74832-X	DWG	REVERE	2	
16.	PROBE P2/T2	154DB3	73-22-11	ROSE MOUNT	2	
17.	P3/T3 SENSOR	2A1126	73-22-15	IAE	2	
18.	THROTTLE CONTROL UNIT	321400M01	76-11-17	FLY-BY-WIRE	2	
19.	FUEL DIFF. PR. SWITCH	42D185	73-30-07	CUSTOM CONTROL	3	
20.	LOW FUEL PR. DIFF. SWITCH	42D223	73-30-05	CUSTOM CONTROL	3	



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21.	DIFFERENTIAL PR. SWITCH	457574	73-14-02	PRATT & WHITNEY	3	
22.	FLOWMETER IND.	8DJ88LWY3	73-30-08	AMETEK	3	
23.	FLOWMETER POWER SUPPLY	8TJ80GAA2	73-30-07	AMETEK	3	
24.	FLOWMETER POWER SUPPLY	8TJ95GAB3	73-30-34	AMETEK	3	
25.	EPR INDICATOR	2045-05-1	77-12-05	GE AVIATION	3	
26.	EPR INDICATOR	2045-06-1	77-12-06	GE AVIATION	3	
27.	VIB.INDICATOR	1-040-0001	77-30-3	B & H(CEC) IMOIND	3	
28.	TRANSDUCER VIBRATION	144-171-000-031	77-33-15	VIBRO METER	2	
29.	THERMOCOUPLE TEMP. INDICATOR	152BL801D	77-20-21	HORIZON AEROSPACE	3	
30.	THERMOCOUPLE TEMP. INDICATOR	152BL802A	77-20-21	HORIZON AEROSPACE	3	
31.	VIB.AMPLIFIER	173263-0013	77-30-1	B & H(CEC) IMOIND	3	
32.	TACHO GENERATOR	2CM15AAB1	4563K62	GE/AMETEK	3	
33.	TACHO GENERATOR	2CM9ABY7	77-10-01	AMETEK	3	
34.	VIB.PICK UP	4-125-0001	9922301-1-70	B & H(CEC) IMOIND	3	
35.	ENGINE ACC.MODULE	65-73606-34	77-09-01	BOEING OHM	3	
36.	N1 INDICATOR	8DJ81LYT2/T4	77-10-16	AMTEK	3	
37.	TACHOMETER IND.	8DJ81LYV2	77-10-04	AMETEK	3	
38.	TACHOMETER IND.	8DJ81LYV4	77-10-16	AMETEK	3	
39.	TACHOMETER IND.	8DJ81WAG4/GX	77-10-16	AMETEK	3	
40.	TACHO GENERATOR	B5069110302	77-10-2	KOLLSMAN	3	
41.	PR. RATIO INDICATOR	JG298A5	77-10-09	HONEY WELL	3	
42.	EPR TX.	LG14C14	77-10-4	HONEY WELL	3	
43.	PR. RATIO TRANSMITTER	LG80A6	77-10-4	HONEY WELL	3	

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44.	EGT INDICATOR	SEL-OC19CK	77-20-17	AMETEK	3	
45.	EGT INDICATOR	SEL-OC19D	77-20-01	AMETEK	3	
46.	PRESSURE SWITCH	1225P11	78-30-11	ITT	3	
47.	GAUGE PRESSURE SWITCH	94P1-1	78-30-03	CUSTOM COMPONENT	3	
48.	OIL DIFF PRESS SW	21SN04183/211/226/268	79-09-04	EATON	2	
49.	LOW OIL PRESSURE SWITCH	21SN04-275A	79-34-15	EATON	2	
50.	SCAVENGE FILTER PR. SWITCH	21SN04-298A	79-35-16	EATON	2	
51.	SWITCH	21SN04-XXX 21SN04-180/209/269	79-09-03	EATON	3	
52.	LIQUID QTY. ENG. OIL TRANSMITTER	391012-01001	79-31-13	BF GOODRICH	3	
53.	LIQUID QUANTITY INDICATOR	393020-003	79-30-02	BF GOODRICH	3	
54.	LIQUID QUANTITY INDICATOR	393020-004	79-30-04	BF GOODRICH	3	
55.	OIL QTY. IND.	393020-01789	79-30-02	SIMMONDS	3	
56.	OIL PR. DIFFERENTIAL TRANSMITTER	41SG240-1	79-33-15	EATON	2	
57.	OIL PR. DIFF TX	41SG240-3	79-33-02	EATON	2	
58.	NO.4 BEARING PRESSURE TRANSDUCER	41SG272-3/-5 415G272-X	79-33-16	EATON	2	
59.	OIL FILTER DIFF. PR. SWITCH	42D107A1	79-30-2	CUSTOM COMPONENT	3	
60.	OIL TEMP. BULB	56B17C/D	DS-585	LEWIS	2	
61.	OIL SCAVENGE TEMP DETEC	56B98	79-32-16	RAGEN	2	
62.	OIL QTY. TRANSMITTER	76-167-Series	79-31-15	RAGEN DATA SYS.	2	
63.	DIFFERENTIAL PR. TRANSDUCER	41SG381-1	79-30-01	EATON	1	
64.	PRESSURE SWITCH	1G386	29-15-01	CUSTOM COMPONENT	3	
65.	PRESS SW	21SN41-42/-52/-84	80-21-03	EATON	2	

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RATING: C8: FLIGHT CONTROLS

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	TRANSMITTER, CONTROL SURFACE POSITION	13TX-0115-A	27-09-02	ASTRO	3	
2.	TRANSMITTER, FLAP POSITION & STALL WARNING	18-1738-1/-3	27-50-06	BENDIX	3	
3.	TRANSMITTER, FLAP POSITION	18-1739-2/-4	27-50-06	BENDIX	3	
4.	FLAP POS.INDICATOR	2061-14-1	27-50-03	SMITH	3	
5.	SURFACE POSITION INDICATOR	253884	27-80-01	AMETEK	3	
6.	A/P CONTROL PANEL	2588809-901	27-10-62	HONEY WELL	3	
7.	A/P CONTROL PANEL	2588809-903	27-10-62	HONEY WELL	3	
8.	SIDE STICK TRANSDUCER UNIT	321000M02/M03/MOX	27-92-13	LORD	2	
9.	SPEED BRAKE CONTROL TRANSDUCER UNIT	321200M02/X	27-92-14	FLY-BY-WIRE	2	
10.	TRANSDUCER UNIT	322000M01/X	27-92-15	LORD	2	
11.	TRANSDUCER UNIT	322300	27-25-17	LORD	2	
12.	TRANSDUCER UNIT	342300 Series	27-95-16	LORD	2	
13.	ROTARY SERVO ACTUATOR	56019-003	27-40-3	LEAR SIEGLER INC	3	
14.	COMMAND SENSOR UNIT	780A0000-01/02 780B0000-01	27-09-02	LIE BHERR	2	
15.	SIDE STICK ASSEMBLY	D273 SERIES/ D955 SERIES / F273 SERIES / F955 SERIES	27-92-41	AIRBUS	2	

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RATING: C8: FLIGHT CONTROLS

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
16.	ACCELEROMETER UNIT	J172ABM	27-92-16	THALES	2	
17.	ELECTROMECHANICAL LINEAR ACTUATER	R1597-23	27-30-01	PLESSEY	3	

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RATING: C9: FUEL-AIRFRAME

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	TANK UNIT	0212KTU-01T021	28-42-15	ONTIC	2	
2.	BUSSING PLUG	10-60479-31	-	BOEING OHM	1	
3.	HARNESS - FUEL TANKS	10-61827-XX	-	BOEING OHM	2	
4.	FUEL TEMP. IND.	162BL801	31-20-19	LEWIS	2	
5.	LEVEL SENSORS	3530000-1/-3/X	28-46-15	SIMMONDS PRECISION	2	
6.	TEMP. SENSOR / DUAL TEMP. SENSORS	3540000-X	28-46-15	SIMMONDS PRECISION	2	
7.	COMPENSATOR	391041-024	28-40-58	SIMMONDS PRECISION	3	
8.	LIQUID QTY. COMPENSATOR	391041-05007	28-40-25	GOODRICH	2	
9.	LIQUID QTY. TRANSMITTER	391046-04128/38	28-41-05	BF GOODRICH	3	
10.	FUEL TANK UNIT (CTR)	391046-04159/61	28-41-05	SIMMONDS PRECISION	3	
11.	FUEL TANK UNIT	391046-05128 TO 38	28-41-05	SIMMONDS PRECISION	3	
12.	FUEL TANK UNIT (CTR)	391046-299/300	28-41-05	SIMMONDS PRECISION	3	
13.	FUEL TANK UNIT	391046-483/484	28-41-05	SIMMONDS PRECISION	3	
14.	FUEL QTY. IND. (CTR)	393026-001	28-41-13	SIMMONDS PRECISION	3	
15.	FUEL QTY. IND.(I&II)	393026-01840	28-41-13	SIMMONDS PRECISION	3	
16.	FUEL QTY. IND.(CTR)	393026-052	28-41-11	BF GOODRICH	3	
17.	PRESSURE SWITCH	40057-1	28-40-09	CUSTOM COMPONENT	3	
18.	FUEL SUMMATION UNIT	473048	24-41-35	SIMMONDS PRECISION	3	
19.	PRESSURE SWITCH	42D275-1	28-40-10	CUSTOM COMPONENT	3	
20.	PRESELECTOR ASSEMBLY	796-815-01-02	28-42-39	GE AVIATION	2	
21.	PRESSURE SWITCH	HTE69000-X	28-21-53	EATON	2	

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RATING: C9: FUEL-AIRFRAME

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
22.	ATTITUDE MONITOR	M9838C	28-43-24	AVIMO	3	
23.	PRESSURE SWITCH	TP07-10-007	28-22-15	THERMAL CONTROL	2	
24.	PRESSURE SWITCH	TP07-10-010	28-22-14	THERMAL CONTROL	2	
25.	PRESSURE SWITCH	TP07-10-014	28-22-17	HOWDEN WADE	2	
26.	APU FUEL LOW PRESSURE SWITCH	FRH100014A	28-22-62	EATON	1	
27.	APU PRESSURE SWITCH	FRH100013A	28-22-61	FR-HiTEMP	1	

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RATING: C12: HYDRAULIC

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	PRESSURE SWITCH	1225P41	32-41-01	ITT	3	
2.	PRESSURE SWITCH	1225P6-1/2	29-20-61/62	ITT	3	
3.	HYD. QTY. TX.	4006454	29-30-01	SIMMONDS PRECISION	3	
4.	HYDRAULIC PRESSURE SWITCH, TYPE 1	50-1-3100-00 450-1-3100-00	29-11-17	EME	2	
5.	HYDRAULIC PRESSURE SWITCH, TYPE 2	50-2-3100-00 450-2-3100-00	29-12-17	EME	2	
6.	PRESSURE SWITCH	90G183/XXX	29-30-09	CUSTOM COMPONENT	3	
7.	HYD. PR. S/W	94P18	34-41-01	CUSTOM CONTROL	3	
8.	HYD. OIL QTY. INDICATOR	B711-3/-6	29-30-11	BF GOODRICH	3	
9.	LOW LEVEL SWITCH	C60AA0052/62/XX	29-09-54	LUCAS	2	
10.	GAUGE TRANSMITTER	C90ST0002/03/XX	29-09-55	UTC	2	
11.	PRESSURE TRANSDUCER	CZ9284E	29-32-11	ESTERLINE	2	
12.	TRANSDUCER RESERVOIR PR	CZ92A4-2	29-32-12	SCHLUMBERGER	2	
13.	LIQUID QTY. TRANSMITTER	EA1093A-3679	29-30-01	BF GOODRICH	3	
14.	PRESSURE SWITCH	HTE690035/-1/-X	29-31-01	FR-HITEMP	2	
15.	PRESSURE SWITCH	HTE690112	29-30-11	FR-HITEMP	2	
16.	HYD. PR. TX.	ST107R	31-1-60	AMTEK	3	
17.	TEMP. TRANSDUCER / SWITCH	TM113	29-30-04	DIEHL	2	
18.	TEMP. TRANSDUCER / SWITCH	TM113-1	29-30-07	DIEHL	2	
19.	HYDRAULIC RESERVOIR QTY. IND.	VT477/-1/-X	29-30-05	DIEHL	3	
20.	HYDRAULIC RESERVOIR QTY. IND.	VT477-2/-3/-X	29-30-06	DIEHL	2	
21.	PRESSURE TRANSDUCER	ZAW623-01	29-32-15	ESTERLINE	1	

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RATING: C13: INSTRUMENTS

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	A.C. VOLTMETER	124-832	31-09-01	KRATOS	3	
2.	D.C. VOLTMETER	124-833	31-09-02	KRATOS	3	
3.	D.C. AMMETER	124-834	31-09-03	KRATOS	3	
4.	FREQUENCY METER	124-835	31-09-06	ROGESON KRATOS	3	
5.	INDICATOR, A.C. AMMETER	124-837	31-09-04	ROGESON KRATOS	3	
6.	INDICATOR TEMPERATURE	124-838	31-09-07	ROGESON KRATOS	3	
7.	TAT/EPRL COMPUTER IND.	147795-01-01	31-20-02	LSI/SMITH	3	
8.	ELECTRICAL RESISTANCE THERMOMETER	162BL802	31-20-19	ULTRA ELECTRONOICS	3	
9.	ELECTRICAL RESISTANCE THERMOMETER	162BL802A	31-20-19	ULTRA ELECTRONOICS	3	
10.	DFDR	17M800-2X1	31-30-01	L3 COM	3	
11.	FLIGHT DATA RECORDER	2100-Series	31-30-03	L3 AVIATION PRODUCTS	2	
12.	ALTITUDE SWITCH	214C50-2	31-26-01	EATON	2	
13.	CLOCK	2610-13-1	31-21-11	SMITH	2	
14.	ACCELEROMETER (DUAL AXIS)	3001-01-101-2	31-33-15	PATRIO	2	
15.	STALL WARNING COMPUTER MODULE	3052600-2	31-15-02	CONRAC	3	
16.	FULL COLOUR DISPLAY UNIT	3906130302/0402 3907130302/0402	31-63-22	THALES	2	
17.	V. REF. IND.	393080-104	31-00-10	SIMMONDS PRECISION	3	
18.	V. REF. IND.	393080-114	31-00-10	SIMMONDS PRECISION	3	
19.	V. REF. IND.	393080-118	31-00-09	SIMMONDS PRECISION	3	



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20.	PILOT MONITOR PANEL ASSY	4024670-1	31-20	LAS	3	
21.	ACCELEROMETER	4024698-1	31-30-01	LAS/EDCLIFF	2	
22.	FLT.CONTROL MODULE	69-37313-41	31-36-04	BOEING OHM	3	
23.	FLT.CONTROL MODULE	69-37313-50	31-36-04	BOEING OHM	3	
24.	FLT.CONTROL MODULE	69-37313-67	31-36-04	BOEING OHM	3	
25.	FLT.REC. & MACH. AS MOD.	69-37325-36	31-36-01	BOEING OHM	3	
26.	FLT.REC. & MACH. AS MOD.	69-37325-43	31-36-90	BOEING OHM	3	
27.	FLT.REC. & MACH. AS MOD.	69-37325-51	31-36-08	BOEING OHM	3	
28.	AUX. V.G. PANEL	69-37338-19	31-36-29	BOEING OHM	3	
29.	AUX. V.G. PANEL	69-37338-9/11	31-36-29	BOEING OHM	3	
30.	STALL WARNING MODULE	69-37339-21	31-15-02	BOEING OHM	3	
31.	MODULE GPWC	69-37369-11	31-36-76	BOEING OHM	3	
32.	MODULE GPWC	69-37369-25	31-36-76	BOEING OHM	3	
33.	PTA-45B DATA PRINTER	8055515-45XX	31-35-22	HONEY WELL	2	
34.	ALERT TONE GEN.	857-1/1857-1	31-10-01/02	AVTECH	3	
35.	CLOCK MECHANICAL AIRCRAFT	88000-4102	31-20	AEROSONIC	3	
36.	THREE AXIS ACCELEROMETER	971-4193-001	31-31-04	HONEY WELL	2	
37.	CASSETTE	D50760	31-32-58	PENNY & GILES	2	
38.	QAR/DAR	D50761-1-01	31-32-58	PENNY & GILES	2	
39.	QAR UNIT	D51439-1	31-21-64	PENNY & GILES	2	


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RATING: C13: INSTRUMENTS

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
40.	MODULE GPWC	EMTQ-015D-1-1 (69-37369-300)	31-36-77	BOEING OHM	3	
41.	CLOCK	GMT4200/-1	31-21-23	AIR-PRESICION	2	
42.	S.S.F.D. R	S703-1000()	31-30-02	L3 COM	2	
43.	DUAL SYNCHRO INDICATOR	SRDL6D	31-1-55	AMETEK	3	
44.	INDICATOR BRAKE PRESS.	SRDL-7G	31-1-55	AMETEX	3	
45.	DUAL SYNCHRO INDICATOR	SRDL-7H	31-1-55	AMETEK	3	
46.	OIL PR.IND.	SRDL-OC4N	31-03-01	AMETEK	3	
47.	OIL PRESS. TX.	ST-104Z	31-02-01	AMETEK	3	
48.	MULTI PURPOSE SYNCHRO TX.	ST-106AB	31-02-02	AMETEK	3	


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RATING: C14: LANDING GEAR						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	TRIPLE PRESSURE INDICATOR	64882-206-1	32-44-21	THALES	2	
2.	NOSE WHEEL STEERING CONTROLLER	710/715TS06YXX	32-51-11	ZODIAC	2	
3.	NOSE WHEEL STEERING CONTROLLER	711/716TS06YXX	32-51-11	ZODIAC	2	
4.	TRANSMITTER UNIT NWS	322200-XXXX AMDTX	32-50-01	SKF	2	
5.	BRAKE PRESSURE INDICATOR (BPI SA)	727-1600-01	32-44-01	LEONARDO	2	


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RATING: C15: OXYGEN


S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	ALTITUDE SWITCH	101809	35-10-31	PURITAN-BENNET	2	
2.	MASK ASSY. OXY.	114019-11	35-20-29	PURITAN/ BENNET	2	
3.	GEN. OXY.	117019-3X	35-20-68	PURITAN	2	
4.	MASK DEMO	289-1001	35-22-26	SCOTT	2	
5.	PASSENGER OXYGEN MASK	289-601 Series	35-22-26	AVOX	2	
6.	STATIONARY CYLINDER AND VALVE ASSEMBLY	891000SERIES	35-28-91	AVOX	1	
7.	CYLINDER AND VALVE ASSEMBLY	897 SERIES	35-21-93	AVOX	1	
8.	CYLINDER ASSY. OXY.	898-JTOC50	35-21-99	SCOTT	1	
9.	PORTABLE CYLINDER ASSEMBLY	9700 Series 9800 Series	35-31-55	AVOX	1	
10.	VALVE-SOLENOID	DVE90-XX Series	35-12-71	ZODIAC AEROTECHNICS	2	
11.	CONTAINER ASSY-2 MASK	H15702-16	35-20-70	PURITAN/ BENNET	2	
12.	OXYGEN CONTAINER ASSEMBLY	H15712 Series	35-20-72	PURITAN/ BENNET	2	
13.	OXYGEN CONTAINER ASSEMBLY	H15722 Series	35-20-71	PURITAN/ BENNET	1	
14.	CONTAINER ASSY-3 MASK	H15L33-60	35-20-68	PURITAN/ BENNET	1	
15.	CONTAINER ASSY-4 MASK	H15L34-60	35-20-68	PURITAN/ BENNET	1	

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RATING: C15: OXYGEN						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
16.	CONTAINER ASSY-3 MASK	H15R33-60	35-20-68	PURITAN/ BENNET	1	
17.	CYLINDER ASSY OXY.	897940-50	35-11-42	EROS	2	
18.	CONTAINER ASSY-4 MASK	H15R34-60	35-20-68	PURITAN/ BENNET	1	
19.	MASK QUICK DONING	MF-10-05-01/11 MF-10 Series	35-13-45	INTER TECHNIQUE	3	
20.	SMOKE MASK	MF1912-X	35-32-51	ZODIAC AEROTECHNICS	2	
21.	FLIGHT CREW MASK STOWAGE	MXP400 SERIES	35-13-42	ZODIAC AEROTECHNICS	2	
22.	PRESSURE REGULATOR TRANSMITTER	RCF67 Series	35-50-05	ZODIAC	2	
23.	PRESSURE SWITCH	CMK80-01	35-15-01	INTER TECHNIQUE	2	
24.	OXY. CONTAINER ASSEMBLY	AJ5L33 SERIES	35-20-90	B/E AEROSPACE	2	
25.	OXY. CONTAINER ASSEMBLY	AJ5L34 SERIES	35-20-90	B/E AEROSPACE	2	
26.	OXY. CONTAINER ASSEMBLY	AJ5R33 SERIES	35-20-90	B/E AEROSPACE	2	
27.	OXY. CONTAINER ASSEMBLY	AJ5R34 SERIES	35-20-90	B/E AEROSPACE	2	
28.	OXY. CONTAINER ASSEMBLY	A15H52/53/54/55 SERIES	35-20-59	PURITAN BENNET	2	
29.	OXY. MASK ASSEMBLIES	10100 SERIES	35-10-80	AVOX	3	
30.	SWEEP-ON OXY. CREW MASK	114020 SERIES	35-10-03	PURITAN BENNET	3	
31.	OXY.LATCH VALVE	11501X-XX	35-20-05	PURITAN	3	

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RATING: C15: OXYGEN						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
32.	OXY.PR.IND.	182936	35-00-06	AMTEK	3	
33.	OXY.SHUT OFF VALVE	27550-1	35-01-22	AVOX	3	
34.	OXYGEN REGULATOR ASSEMBLY	27660-01	35-16-60	AVOX	3	
35.	DILUTER DEMAND OXYGEN REGULATOR ASSEMBLY	28000-1	35-11-24	SCOTT	3	
36.	ON/OFF VALVE	3-114115-2	DWG	DAYTON	3	
37.	PORTABLE CYLINDER ASSEMBLIES	5500 SERIES 5600 SERIES	35-32-18	AVOX	1*	*OXY. CHARGING
38.	PAX. OXY. BOTTLE	60B50087-7	35-21-57	SCOTT	1*	*OXY. CHARGING
39.	CREW OXY. BOTTLE	60B50087-91	35-21-57	SCOTT	1*	*OXY. CHARGING
40.	CYLINDER AND VALVE ASSEMBLIES	801307-00 801307-04	35-23-07	AVOX	1*	*OXY. CHARGING
41.	PRESSURE TRANSDUCER	831S-G-250-20R	35-11-2	SPARTON	3	
42.	PORTABLE OXY. BOTTLE	DOT-3AA-1800	35-30-78	SCOTT	1*	*OXY. CHARGING
43.	CREW OXYGEN BOTTLE	4441 088-1 15	35-14-04	B/E AERORSPACE	1*	*Inspection & Charging
44.	PORTABLE REGULATOR ASSEMBLY	3552 SERIES	35-35-52	AVOX	1*	*Inspection & Charging
45.	PORTABLE REGULATOR ASSEMBLY	3553 SERIES	35-35-53	AVOX	1*	*Inspection & Charging
46.	OXYGEN CYLINER & VALVE ASSY	804044-15 804044-77	35-20-44	AVOX	1*	*Inspection & Charging


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RATING: C17: PNEUMATIC						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	PRESSURE TRANSDUCER	APTE182-30	36-11-08/-07	KULITE	2	
2.	TRANSDUCER – BLEED PRESSURE	GA55-49-12	36-11-15	AUXITROL	2	
3.	PRESSURE TRANSDUCER	ZRA1990030	36-11-08	ESTERLINE	2	

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RATING: C18: PROTECTION ICE/RAIN/FIRE

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	SMOKE DETECTOR	30-284-2	26-10-7	WALTER KIDDE	2	
2.	SMOKE CONTROL AMPLIFIER	30-326-8	26-10-19	WALTER KIDDE	2	
3.	RAIN REPELLENT GAGE ASSY	4020W35-X	30-45-10	DONALDSON	2	
4.	RAIN REPELLENT GAGE ASSY	5039-200	30-45-43	IN-LHC	2	
5.	W/H & P/S Module	69-37346-61	31-01-01	BOEING OHM	3	
6.	W/H & P/S MODULE	69-37346-64	31-01-01	BOEING OHM	3	
7.	W/H & P/S MODULE	69-37346-81/-82	31-01-04	BOEING OHM	3	

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1.6 RADIO OVERHAUL SHOP, DELHI

RATING: C3: COMMUNICATION AND NAVIGATION						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	HEADPHONE	045-260-011	23-41-19	SENNHEISER	3	
2	BOOMSET	1046GT2102AY	23-51-06	HOLMBERG	3	
3	HAND SET	114340-603	N/A	ROANWELL CORP.	3	
4	HEAD SET	20046-1	23-43-21	TELEPHONIC DIVISION	3	
5	SSCVR	2100-Series	23-70-04	L3 AVIATION PRODUCTS	2	
6	CABIN SPEAKER	240325151803	NA	AIRBUS INDUSTRIE	1	
7	VHF ANTENNA	2403-89 SERIES	23-12-11	COBHAM	1	
8	HEADSET	255SP162	23-51-42	ELNO	3	
9	HANDMIKE	291SP017	23-51-44	ELNO	3	
10	PA AMPLIFIER	346D-1B	23-32-01	COLLINS	3	
11	PA AMPLIFIER	346D-2B	23-32-02	COLLINS	3	
12	INTERCOM SET	460C-2	N/A	WILSON	3	
13	HF ANTENNA COUPLER	490T-1	23-14-00	COLLINS	3	
14	HAND MIKE	602TR-418X	N/A	ELECTRO VOICE	3	
15	VHF TRANSCEIVER	618M-2B	23-24-00	COLLINS	3	
16	VHF TRANSCEIVER	618M-3	23-26-00	COLLINS	3	
17	HF TRANSCEIVER	618T-2	23-10-0	COLLINS	3	
18	VHF TRANSCEIVER	622-5219-020	23-12-76	COLLINS	3	
19	HF TRANSCEIVER	622-5272-020	23-10-74	COLLINS	3	
20	HF TRANSCEIVER	628T-1	23-10-10	COLLINS	3	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
21	AUDIO ACCESSORY UNIT	65-52804-152	23-56-40	BOEING	3	
22	AUDIO ACCESSORY UNIT	65-52804-87	23-56-25	BOEING	3	
23	HF CONTROLLER	714 E -2	23-17-01	COLLINS	3	
24	HF TRANSRECEIVER	822-0330-020	23-10-90	COLLINS	3	
25	VHF TRANSCEIVER	822-1044-020	23-12-79	COLLINS	3	
26	CDSS LCD/COMPUTER	8420B1-XXX	23-70-01	ROSEMOUNT AEROSPACE	3	
27	CDSS HINGE	8450BX	23-74-01	ROSEMOUNT AEROSPACE	3	
28	HAND MIKE	85-16-11494-05	23-51-38	HOLMCO	3	
29	MONITOR SPEAKER	87001-2	23-51-01	PACIFIC ELECTRO DYNAMICS	3	
30	MONITOR SPEAKER	87001-24	23-51-03	PACIFIC ELECTRO DYNAMICS	3	
31	HANDSET	89-01-07XXX	23-73-01	HOLMCO	3	
32	R.M. P	899-0850-003/4	23-13-13	THALES	3	
33	MIC ASSY.	93A055-60	23-70-02	L3 COMMUNICATIONS	3	
34	CVR	93A100-30	23-70-01	L3 COMMUNICATIONS	3	
35	CVR	93A100-80	23-70-01	L3 COMMUNICATIONS	3	
36	MIC AMPLIFIER	93A150-20	23-70-02	L3 COMMUNICATIONS	3	
37	SSCVR	A100S	23-70-02	L3 COMMUNICATIONS	2	
38	CVR CONTROLLER	A152	23-70-01	L3 COMMUNICATIONS	3	
39	A.C. P	ACP2788AB0X	23-51-22	COBHAM	3	
40	A.M. U	AMU2790CBXX	23-51-34	TEAM	3	
41	SELCAL CODE PANEL	BC2065C	23-22-12	TEAM	3	

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42	VHF NAV CONTROLLER	G-1982/1982H	NA	GABLES	3	
43	SELCAL CONTROLLER	G2581	23-20-02	GABLES	3	
44	AUDIO SELECTOR PANEL	G2584-02	N/A	GABLES	3	
45	AUDIO SELECTOR PANEL	G6663-02	N/A	GABLES	3	
46	TAPE REPRODUCER	G825	23-71-01	GABLES	3	
47	INTERCOM	H3530	N/A	DAVID CLARK	3	
48	BOOM SET	HME1410CA-3	23-41-20	SENNHEISER	3	
49	HAND MIKE	M83P1801A	23-40-12	LEM	3	
50	BOOM SET	MS50T30-1	N/A	PACIFIC PLANTRONICS	3	
51	SELCAL DECODER	NA134D2	23-20-1	MOTOROLA	3	
52	P.R.A.M	RDAX-7271	23-31-11	PANASONIC AVIONICS CORPORATION	3	
53	VHF ANTENNA	S65-8262-2	N/A	SENSOR SYSTEMS	1	
54	HANDSET	ST3100 Series	23-40-01	BECKER AVIONIC SYSTEMS	3	
55	CIDS DIRECTOR	Z010H SERIES	23-73-34	AIRBUS	3	
56	P.T. P	Z020H SERIES	23-73-29	AIRBUS	3	
57	DEU-A	Z030H SERIES	23-73-46	AIRBUS	3	
58	DEU-B	Z040H00 SERIES	23-73-47	AIRBUS	3	
59	C.A.M	Z050H SERIES	23-73-19	AIRBUS	3	



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60	A.I. P	Z111H SERIES	23-73-22	AIRBUS	3	
61	A.A. P	Z120H SERIES	23-73-13	AIRBUS	3	
62	FAP	Z130H00 SERIES	23-73-10	AIRBUS	3	
63	BOOM SET AIRMAN 750	64300-XXX	F.01U.311.532	TELEX	2	
64	CDSS CAMERA	8410BX-XXX-XXX	23-72-01/02	ROSEMOUNT AEROSPACE	2	
65	Handset with Support Bracket	N40A Series	44-10-03	HOLMBERG GMBH & CO KG	2	
66	WAVE GUIDES	10-60897	N/A	BOEING	1	
67	VHF NAV ANTENNA	10-61333-3	34-50-04	DORNE & MARGOLIN	1	
68	I.L.S RECEIVER	2041230-35XX	34-36-32	HONEYWELL	3	
69	WAVE GUIDE SWITCH	2068599-0701	34-42-07	HONEYWELL	3	
70	DUMMY LOAD	2068600-0701	N/A	HONEYWELL	1	
71	DME ANTENNA	2406-89 SERIES	34-51-11	COBHAM	1	
72	GLIDEPATH ANTENNA	3105-89 SERIES	34-36-18	COBHAM	1	
73	LOC ANTENNA	3106-89 SERIES	34-36-11	COBHAM	1	
74	MARKER ANTENNA	3107-89 SERIES	34-55-18	COBHAM	1	
75	VOR ANTENNA	3108-89 SERIES	34-55-11	COBHAM	1	
76	WAVEGUIDE SWITCH	3719013-1	59495	HONEYWELL	2	
77	VHF NAV RECEIVER	51RV-2B	34-35-03	COLLINS	3	
78	VHF NAV RECEIVER	51RV-4B	34-35-10	COLLINS	3	
79	ADF RECEIVER	51Y-4	34-34-1	COLLINS	3	
80	ADF RECEIVER	51Y-7	34-53-04/08	COLLINS	3	
81	MARKER RECEIVER	51Z-4	34-36-0	COLLINS	3	



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82	ADF LOOP ANTENNA	522-1837-000	34-33-3	COLLINS	1	
83	QUADRANTAL ERROR CORRECTOR	522-3177-004	34-34-00	COLLINS	1	
84	ADF CONTROLLER	614L-11	34-53-02	COLLINS	3	
85	ADF CONTROLLER	614L-8	34-34-4	COLLINS	3	
86	ADF ANTENNA	615-2630-102	34-53-11	THALES	1	
87	DME	622-4540-023	34-52-72	COLLINS	3	
88	VOR RECEIVER	622-5220-020	34-55-72	COLLINS	3	
89	ADF RECEIVER	622-5222-020	34-53-77	COLLINS	3	
90	TCAS/ATC CONTROL PANEL	622-8974-001/6	34-40-76	COLLINS	3	
91	I.L.S. RECEIVER	622-9738-020	34-36-76	COLLINS	3	
92	I.L.S. RECEIVER	622-9738-041	34-36-76	COLLINS	3	
93	DME 900	822-0329-0XX	34-52-94	COLLINS	3	
94	VOR RECEIVER	822-0726-020	34-55-72	COLLINS	3	
95	DME INTERROGATOR	860 E -2	34-46-0	COLLINS	3	
96	DME INTERROGATOR	860 E -4	34-52-14	COLLINS	3	
97	ATC CONTROLLER	879-2525-012	34-53-12	THALES	3	
98	RADIO ALTIMETER ANTENNA	9599-607-12333	34-42-15	THALES	1	
99	RADIO ALTIMETER	9599-607-1494X	34-42-57	THALES	3	
100	GPWC	965-0576-002	34-45-22	HONEYWELL	3	
101	GPWC	965-0676-020	34-45-30	HONEYWELL	3	
102	EGPWC	965-0976-003-XXX-YYY	34-45-64	HONEYWELL	3	


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103	EGPWC	965-1076-020-XXX-YYY	34-45-39	HONEYWELL	3	
104	RADIO ALTIMETER TRANSCEIVER	ALA-51A	34-10-11	HONEYWELL	3	
105	RADIO ALTIMETER ANTENNA	ANA-51C	34-42-11	HONEYWELL	1	
106	RADAR ANTENNA	ANT-1T	34-42-3	HONEYWELL	3	
107	ATC/TCAS CONTROL PANEL	C12404 SERIES	34-52-14	THALES	3	
108	SENSE ANTENNA COUPLER	CMA-73D-125	34-53-3	HONEYWELL	3	
109	DME ANTENNA	DMN140-2	N/A	DORNE & MARGOLIN	1	
110	MARKER ANTENNA	DM N27 Series	34-30-01	DORNE & MARGOLIN	1	
111	RADAR CONTROLLER	G3500	N/A	GABLES ENGINEERING INC.	3	
112	RADIO ALTIMETER INDICATOR	INA-51A	34-10-2	HONEYWELL	3	
113	RADAR TX/RX	MI585306-402	34-41-03	HONEYWELL	3	
114	RADAR CONTROLLER	MI585312-414	34-41-04	HONEYWELL	3	
115	RADAR ANTENNA FLAT PLATE	MI585460-000	34-41-05	HONEYWELL	3	
116	RADAR ANTENNA PEDESTAL	MI585461-401	34-41-05	HONEYWELL	3	
117	RADAR INDICATOR	PPI-1N	34-41-22	HONEYWELL	3	
118	RADAR TRANSCEIVER	RDR-1F	34-42-11	HONEYWELL	3	
119	WAVEGUIDE SECTIONS	SF85010	N/A	AIRBUS INDUSTRIE	1	
120	GPS RECEIVER	TNL 2100T	34-56-02	FREE FLIGHT	2	
121	GPS RECEIVER	TNL 2101 I/O PLUS	34-51-04	FREE FLIGHT	2	
122	GPS RECEIVER	TNL 2101 PLUS	34-51-06	FREE FLIGHT	2	


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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
123	GPS RECEIVER	TNL2101	34-51-02	FREE FLIGHT	2	
124	EGPWC	965-1676-XXX	34-45-64	HONEYWELL	2	
125	EGPWC	965-1690-XXX	34-45-64	HONEYWELL	2	


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RATING: C6: EQUIPMENT

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	ELT (RESCU-406)	1151324 – 1 Series	25-60-10	HONEYWELL	2	
2	ELT (IMPACT)	453-0150	570-1015	ARTEX	2	
3	ELT (IMPACT)	453-0406NT	570-1021	ARTEX	2	
4	ELT (IMPACT) C406-2 SERIES	453-5000 / 5001	570-5000 / 25-62-11	ARTEX	2	
5	Voice Gun Electronic Megaphone	A12SA	91472002	FEDERAL SIGNALVAMA, S.A.	2	
6	ELT (IMPACT & SURVIVAL)	ELT9XA 25 60 000 000	25-61-02	AIR PRECISION	2	
7	KANNAD ELT	S181X502-XX	25-63-02	THALES	2	
8	KANNAD ELT	S182X502-XX	25-63-01	THALES	2	
9	KANNAD REMOTE CONTROL	S1820513-02	25-63-24	THALES	2	
10	MEGAPHONE	A3-06-1402 (ACR/EM – 1A)	25-60-01/Y1-03-0340	ACR ELECTRONICS	2	
11	ELT	453-0407-(419)	570-1021	ARTEX	2	
12	ELT (C406-1 SERIES) ELT (B406-4 SERIES)	453-5002/ 453-5003 453-5004	570-5001 / 25-62-10 570-5004 / 25-62-03	ARTEX	2	
13	Emergency Locator Transmitter (ELT)	S185X501-XX	25-63-08	KANNAD AVIATION	2	


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<u>RATING: C13: INSTRUMENT</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	C.A. L	35-0D5-100X	31-53-22	AIRBUS	3	
2	DEU ADAPTER	D9259015900200 D9259016300200 D9259016400200	31-18-21	AIRBUS	3	


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1.7 ATEC SHOP, DELHI


<u>RATING: C1: AIR CONDITIONING & PRESSURIZATION</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	CPC	20791 Series	21-31-21	NORD- MICRO	2	RESTRICTED NO SRU (SHOP REPLACEABLE UNIT) REPAIR
2.	ACSC	1803B0000-XX	21-63-33	LIEBHERR	2	

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<u>RATING:C2: AUTO FLIGHT</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	FAC	B397 SERIES	22-66-32A	THALES	2	Restricted: No SRU repair
2.	FCU	C12850 XXXX	22-81-14B	THALES	2	Restricted: No SRU repair
3.	MCDU	C19266 XXXX	22-82-03A	THALES	2	Restricted: No SRU repair
4.	FMGC	C13043 XXXX	22-83-54A	THALES	2	Restricted: No SRU repair

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<u>RATING:C3: COMMUNICATION &NAVIGATION</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	RMP	C12848 XXXX	23-13-15B	THALES	2	Restricted: No SRU repair
2.	ISIS	C16221XXXX	34-22-25A	THALES AVIONICS	2	Restricted: No SRU repair
3.	ATSU	LA2T0 Series	46-21-34	AIRBUS FRANCE	2	RESTRICTED NO SRU (SHOP REPLACEABLE UNIT) REPAIR

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<u>RATING:C5: ELECTRICAL POWER</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	BCL	35-0L5 Series	24-38-34	AEROSPATIALE	2	


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<u>RATING:C7: ENGINE / APU</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	ECB	3888394 Series	49-63-70	DIEHL	1	
2.	EIU	3957985114	73-25-34	THALES	2	
3.	ECU	2123M56P04	73-21-68	FADEC INTERNATIONAL	2	
4.	EVMU	241-246-022-004	77-32-09	VIBRO-METER	2	


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RATING: C8: FLIGHT CONTROLS


S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	FCDC	115370-XXXX	27-95-36	LITEF	2	
2.	ELAC	394512 Series	27-93-35B	THALES	2	Restricted: No SRU repair
3.	SFCC	49-170-07 49-170-11	27-04-11	BAE	2	
4.	SEC	B372BA Series	27-94-10	THALES	2	

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<u>RATING: C9: FUEL -AIRFRAME</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	FQIC	B539 SERIES	28-42-20	THALES	2	Restricted: No SRU repair
2.	FQIS-I	1407KID SERIES 1412KID SERIES	28-42-40	ONTIC	2	
3.	FQIS-P	798-021-02-03 796-815-02-03	28-42-45	SMITHS	2	
4.	FQIS-C	SIC5059 SERIES	28-42-68	ONTIC	2	

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RATING:C13: INSTRUMENTS						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	CFDIU	C12860XXXX	31-32-38B	THALES	2	Restricted: No SRU repair
2.	FWC	350E0 SERIES	31-53-44	AIRBUS FRANCE	2	Restricted: No SRU repair
3.	SDAC	350E5 SERIES	31-55-44	AIRBUS FRANCE	2	Restricted: No SRU repair
4.	DMC	1982660109 1982660116	31-61-36	DIEHL AEROSPACE	2	Restricted: No SRU repair
5.	LCDU	C19298 SERIES C19366 SERIES	31-63-30A	THALES	2	Restricted: No SRU repair
6.	ECAM CONTROL PANEL	35-0L0 SERIES	31-61-12	AIRBUS FRANCE	2	

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<u>RATING: C14: LANDING GEAR</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	BSCU	E21327XXX	32-47-56	MESSIER BUGATTI	2	
2.	LGCIU	664700500AXX	32-31-39	DOWTY ELECTRICS LTD	2	

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<u>RATING:C17: PNEUMATIC</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	BMC	785-002-X	36-11-36	INTERTECHNIQUE	2	

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<u>RATING:C18: ICE & RAIN PROTECTION</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	PHC	47215920 SERIES	30-31-40	THALES	2	Restricted: No SRU repair

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1.8 ADDITIONAL CAPABILITIES, DELHI

CALIBRATION OF GAUGES:

S.No.	DESCRIPTION	APPLICATION
1	<p><u>Mechanical:</u></p> <p>Calibration of gauges/measuring equipment & special tools as per work instruction derived from British Standards/OEMs. Calibration is done against Standards traceable to National Standards.</p>	<ul style="list-style-type: none"> • External Micrometer • Internal/Stick micrometer • Micrometer Head • Depth Micrometer • Vernier Caliper • Height Gauges • Dial Test Indicator • Weighing Balance • Force Gauge (Tension & Compression) • Spring Balance • Torque Wrench • Pressure Gauges
	<p><u>Calibration Standards Used:</u></p> <p>Slip Gauges: 0-100mm/0-4 inches Length Bars: Length Bars various sizes Surface Plate: Granite; Grade AA Laboratory Dead-weight Tester: Set of 1-50 lbs; range gm. wt. set of 1-100 grams Torque Wrench/Meter Tester: Upto 2000 Ft. lbs.</p>	

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S.No.	DESCRIPTION	APPLICATION
2	<p><u>Electrical:</u></p> <p>Test & Calibration of Analog and Digital AC/DC Voltmeters & Ammeters , Ohm-meters, Frequency Counters and Oscilloscopes as per work instruction derived from respective OEMs.</p> <p>Calibration is done on Master Calibrators which are traceable to National Standards.</p>	<p>Ranges of Calibration:</p> <ul style="list-style-type: none"> • DC Voltage up to 1100V • DC Current from 0 to +/- 20.5 A • AC Voltage up to 1100 V with O/P available from 10 Hz to 1.2 MHz • AC Current from 100Micro-Amp to 20.5 A with variable frequency limits • Resistance values from a Short Circuit to 1100 MOhm • Frequency Range 0.26 MHz to 1020 MHz
	<p><u>Calibration Standards Used:</u></p> <p>FLUKE MASTER CALIBRATOR : MODEL 5100B FLUKE MASTER CALIBRATOR : MODEL 5520A FLUKE MASTER CALIBRATOR : MODEL 5700A HP SYNTHESISED SIGNAL GENERATOR : MODEL 8644A</p>	

AIESL CAP/03




AI ENGINEERING SERVICES LIMITED
CAPABILITY LIST

PART 2
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2.1 GENERAL DESCRIPTION OF WESTERN REGION CAPABILITIES

CLASS	RATING	DETAILS	
AIRCRAFT	A1	AIRCRAFT ABOVE 5700 Kg	As described in AIESL MOE Section 1.9.
COMPONENTS OTHER THAN COMPLETE ENGINE & APU	C1, C3, C4, C5, C6, C7, C9, C12, C13, C14, C15, C17, C18 & C20.	COMPONENTS AS DESCRIBED IN THE APPROVED CAPABILITY LIST	As per the Section 2.2, 2.3, 2.4 and 2.5 of AIESL Capability List (CAP/3)
Specialized Services	D1 - NDT	<i>Eddy Current Inspection</i>	In accordance with ASNT guidelines published in SNT-TC-1A (2001) and DGCA document CAR, Section 2, Series L, Part XIV.
		<i>Liquid Penetrant Inspection</i>	In accordance with ASNT guidelines published in SNT-TC-1A (2001) and DGCA document CAR, Section 2, Series L, Part XIV.
		<i>Ultrasonic Inspection</i>	In accordance with ASNT guidelines published in SNT-TC-1A (2001) and DGCA document CAR, Section 2, Series L, Part XIV.
		<i>Magnetic particle Inspection</i>	In accordance with ASNT guidelines published in SNT-TC-1A (2001) and DGCA document CAR, Section 2, Series L, Part XIV.
		<i>Radiographic Inspection</i>	In accordance with ASNT guidelines published in SNT-TC-1A (2001) and DGCA document CAR, Section 2, Series L, Part XIV.
Additional Capabilities		<i>Test Equipment/Gauges & Tools used for Aircraft Maintenance</i>	Testing, Calibration and certification of Test Equipment/Instruments and Tools used for Maintenance of Aircraft Maintenance and Overhaul of Components
Other Facilities			Composite material shop, Painting shop, Machine shop, Tailoring shop, Welding shop, Electroplating shop and Fuel & Oil Testing Lab Welding: Group I- Aluminium alloy, Group IV-corrosion and heat resistant steel, Group V- Nickel Alloy Inconel/ Nimonic, Group VI Titanium alloy. Electroplating: 1) Cadmium, 2) Nickel, 3) Copper, 4) Silver, 5) Anodising—Sulphuric & chromic, 6) Alodine.

	CAPABILITY LIST		AIESL CAP/03		
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2.2 AIRCRAFT MAINTENANCE


Shifted to MOE section 1.9

	CAPABILITY LIST		AIESL CAP/03		
			PART 2		SECTION 2.3
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2.3 COMPONENTS OVERHAUL SHOP, MUMBAI

RATING: C1 : AIR CONDITIONING & PRESSURIZATION						
Sr. No	Nomenclature	Part Number	ATA/CMM Reference	Manufacturer/ Vendor	Level of Maintenance	REMARKS


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	CAPABILITY LIST		AIESL CAP/03		
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RATING: C18 : PROTECTION ICE/RAIN/FIRE						
Sr.No	Nomenclature	Part Number	ATA/CMM Reference	Manufacturer/ Vendor	Level of Maintenance	REMARKS
1	APU Fire Extinguisher Bottle	33600005-X	26-20-05	Pacific Scientific Co.	1	
2	Engine Fire Extinguisher Bottle	34100005-1	26-20-05	Pacific Scientific Co.	1	
3	Cargo Compartment Fire Extinguisher Bottle	34600017	26-20-06	Pacific Scientific Co	1	
4	Fire Extinguisher	34600049-1	26-23-42	Pacific Scientific co	1	
5	Engine Fire Extinguisher Bottle	472088-X	26-20-79	Kidde Technologies	1	
6	APU Fire Extinguisher Bottle	472412-1	26-20-76	Kidde Technologies	1	
7	Fire Extinguisher	472625-1	26-20-85	Kidde Aerospace	1	
8	Fire Extinguisher	472931-2	26-20-84	Kidde Aerospace	1	
9	Portable Fire Extinguisher	74-20	26-24-05	Total Water Fever Schutz	1	
10	Engine Fire Extinguisher Bottle	86181007	26-21-41	L.Hotellier	1	
11	Portable Fire Extinguisher	898052	26-21-39	Kidde Technologies	1	
12	Lavatory Fire Extinguisher Bottle	A825100-X	26-25-04	Kidde Technologies	1	
13	Lavatory Fire Extinguisher Bottle	BA24320A1	26-25-36	Fire Fighting Enterprises	1	


	CAPABILITY LIST		AIESL CAP/03		
			PART 2		SECTION 2.3
	WESTERN REGION		Issue-2	Rev-0	01 DEC 2020

<u>RATING: C14 : LANDING GEAR</u>						
Sr.No	Nomenclature	Part Number	ATA/CMM Reference	Manufacturer/ Vendor	Level of Maintenance	REMARKS
1.	Brake Assy (A330)	2-1577-X	32-41-81	Messier Bugatti/ Goodrich	3	
2.	MLG Wheel Assy (A330)	3-1546	32-41-75	Messier Bugatti/ Goodrich	3	
3.	NLG Wheel Assy (A330)	3-1547	32-41-74	MessierBugatti/ Goodrich	3	
4.	MLG Wheel Assy (A320)	C20195152-X	32-47-19	Messier Bugatti	3	
5.	MLG Wheel Assy (A320/A319)	C20195162	32-47-46	MessierBugatti	3	
6.	MLG Wheel Assy (A321)	C20500100	32-42-15	Messier Bugatti/ Goodrich	3	
7.	Brake Assy (A321)	C20534000-1 C20534099	32-41-65	Messier Bugatti/ Goodrich	3	
8.	Brake Assy (A321)	C20534100	32-41-05	SAFRAN Messier Bugatti/Dowty	3	

	CAPABILITY LIST		AIESL CAP/03		
			PART 2		SECTION 2.3
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<u>RATING: C7 : ENGINE - APU</u>						
Sr. No	Nomenclature	Part Number	ATA/CMM Reference	Manufacturer/ Vendor	Level of Maintenance	REMARKS

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	CAPABILITY LIST		AIESL CAP/03		
			PART 2		SECTION 2.4
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2.4 ELECTRICAL OVERHAUL SHOP, MUMBAI


RATING: C1 : AIRCONDITIONING & PRESSURISATION						
S.NO.	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	TEMPERATURE SENSOR	763A0000-02 / -03	21-52-18	LIEBHERR	1	
2.	TEMPERATURE SENSOR	764A0000-02 / -03 764B0000-01	21-52-22	LIEBHERR	1	
3.	TEMPERATURE SENSOR	773A0000-01	21-63-04	LIEBHERR	1	
4.	SKIN TEMPERATURE SENSOR	87232324V00	21-26-13	CROUZET	1	
5.	MIXED FLOW FAN	VD3810	21-21-12	AOA	2	
6.	RECIRCULATION FAN	VD390 SERIES	21-21-16	AOA	2	
7.	TEMPERATURE SENSOR	600612-00-500 600612-00-510 SERIES	21-43-04	NORD-MICRO	1	

	CAPABILITY LIST		AIESL CAP/03		
			PART 2		SECTION 2.4
	WESTERN REGION		Issue-2	Rev-0	01 DEC 2020

RATING: C5 : ELECTRICAL POWER						
S.NO.	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	AIRCRAFT BATTERY	23180/23186	24-30-05	SAFT	3	
2.	AIRCRAFT BATTERY	2758	24-38-51	SAFT	3	
3.	AIRCRAFT BATTERY	4059	24-38-52	SAFT	3	
4.	P.D.T. CONTACTOR	503CA02F1-02Y01, 503CA04F2-02Y00	24-31-24	INTERTECHNIQUE	3	
5.	T.P.S.T. NO CONTACTOR	558CA04A30Y00, 558CA04A31Y00, 558CA04A40Y00, 558CA04A41Y00, 559CA01Y1	24-21-17	ECE	3	
6.	T.P.S.T. NO CONTACTOR	564CA04XXXY0X	24-21-16	INTERTECHNIQUE	3	
7.	BASE CONTACTOR	580SE01Y1 / 2, 581SE01, 582SE01, 585SE01Y1, 586SE01, 587SE01	24-50-01	ECE	1	


	CAPABILITY LIST		AIESL CAP/03		
			PART 2		SECTION 2.4
	WESTERN REGION		Issue-2	Rev-0	01 DEC 2020

<u>RATING: C5 : ELECTRICAL POWER</u>						
S.NO.	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
8	BASE CONTACTOR	620SE01, 620SE01Y1, 620SE04A- SERIES	24-50-06	ECE	1	
9	S.P. NO CONTACTOR	630CC SERIES, 640CC SERIES	24-31-22	INTERTECHNIQUE	3	
10	DC SINGLE POLE CONTACTOR	650CC01 650CC01	24-31-12	ECE	3	
11	STATIC INVERTER	4188-00	24-25-11	DIEHL	2	
13	SP NO CONTACTOR	655CC04A0Y00	24-31-23	ZODIAC	1	

	CAPABILITY LIST		AIESL CAP/03		
			PART 2		SECTION 2.4
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RATING: C6 : EQUIPMENT

S.NO.	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	BEVERAGE MAKER	3510-0030-01	25-30-38	APC	3	
2	BEVERAGE MAKER	3510-0040-03, 3510-0040-05	25-30-46	B/E AEROSPACE	3	
3	COFFEE MAKER	3510 - 0044 - SERIES	25-30-48	B/E AEROSPACE	3	
4	32 MEAL CONVECTION OVEN	3G900-9999-000 3G900-9999-001	25-34-04	IPECO	3	
5	COFFEE MAKER	416-0001- SERIES	25-30-09	APC	3	
6	BEVERAGE MAKER	4510-3/-4 SERIES (4510 - 48LG - 00)	25-33-21	B/E AEROSPACE	3	
7	BEVERAGE MAKER	64752 SERIES, 64752-001-003	25-31-81	RUMBOLD	3	
8	BEVERAGE MAKER	64771 - 001 - 001	25-35-16	RUMBOLD	3	
9	BEVERAGE MAKER	64771-001-003	25-35-69	RUMBOLD	3	
10	COFFEE MAKER DA 24 SERIES	72012400	25-31-24	B/E AEROSPACE	3	

	CAPABILITY LIST		AIESL CAP/03		
			PART 2		SECTION 2.4
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RATING: C6 : EQUIPMENT

S.NO.	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
11.	WATER HEATER	721840 SERIES	25-33-40	B/E AEROSPACE	3	
12.	WATER HEATER DR4100 SERIES	721841 SERIES	25-33-48	B/E AEROSPACE	3	
13.	OVEN	8001-XX-0000	25-35-85	SELL	3	
14.	OVEN	8203-XX-0000	25-36-34	SELL	3	
15.	HIGH SPEED OVEN	DF 700 / 775 SERIES	25-32-70	INVENTUM	3	
16.	HIGH SPEED OVEN	DF 700 / 775 SERIES	25-32-75	B/E AEROSPACE	3	
17.	2" INFORMATION PANEL	Z315H0A80305	25-25-60	AIRBUS	3	
18.	BEVERAGE MAKER	64761/64761-001-003	25-31-60	RUMBOLD	3	
19.	HIGH SPEED OVEN	DF 1000/DF 1075 SERIES (72073XXX, 72073X-XX-XX-XX)	25-35-11	B/E AEROSPACE	3	
20.	WATER BOILER	62197-001-001	25-35-95	SELL	3	
21.	OVEN	8201-XX-0000 / 8201-XX-0000X	25-36-33	SELL	3	
22.	COFFEE MAKER	411-0001-1XX	25-34-34	B/E AEROSPACE	3	As per preamble similar to other
23.	WINE CHILLER	AL-RF65-XXX-X	25-30-39	AEROLUX LIMITED	2	

	CAPABILITY LIST		AIESL CAP/03		
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RATING: C18 : PROTECTION / RAIN / FIRE

S.NO.	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	FIRE AND OVERHEAT DETECTOR	12134-00	26-10-24	L'HOTELLIER	1	

	CAPABILITY LIST		AIESL CAP/03		
			PART 2		SECTION 2.4
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RATING: C9 : FUEL - AIRFRAME

S.NO	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	FLOOD LIGHT/BAY LIGHT PANEL	2LA005482-XX	28-25-31	HELLA	3	

	CAPABILITY LIST		AIESL CAP/03		
			PART 2		SECTION 2.4
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RATING: C12 : HYDRAULIC

S.NO	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	DETECTOR, PHASE UNBALANCE	310ZN01Y01	29-09-49	E.C.E	3	
2	TEMPERATURE TRANSDUCER/SWITCH	TM113	29-30-04	DIEHL AVIONIK SYSTEM	3	

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RATING: C14 : LANDING GEAR

S.NO	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	LOWER ELECTRICAL HARNESS	201170201,201170268, 201357205,201170203, 201170269,201357206.	32-11-44	MESSIER DOWTY	3	
2	ELECTRICAL HARNESS	2011722XX	32-11-42	MESSIER DOWTY	3	
3	MAIN LG ENHANCED HARNESS 1M & 2M	201399007,201399008, 201400005,201400006	32-12-28	MESSIER DOWTY	3	
4	AXLE ENHANCED HARNESS 1M & 2M	201401005, 201401006	32-12-29	MESSIER DOWTY	3	
5	BRAKE TEMPERATURE MONITOR UNIT	35-1H6-100, 35-1H6-1001	32-47-19	AEROSPATIALE	3	
6	NOSE WHEEL STEERING CONTROLLER	71XTS06YXX	32-51-11	ECE	3	
7	UNIVERSAL BRAKE COOLING FAN	AE1502U00 SERIES	32-48-22	TECHNOFAN	3	
8	UPPER ELECTRICAL HARNESS 2M	D23121000, D23121001 D23121000-1, D23121001-1	32-07-02	MESSIER DOWTY	3	
9	ELECTRICAL LOOM	D23121111, D23121111-1	32-07-11	MESSIER DOWTY	3	


	CAPABILITY LIST		AIESL CAP/03		
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RATING: C14 : LANDING GEAR


S.NO	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
10	LOWER ELECTRICAL HARNESS	D23150000, D23150001 D23150000 – 1	32-07-03	MESSIER DOWTY	3	
11	1M UPPER ELECTRICAL HARNESS	D23627000	32-07-09	MESSIER DOWTY	3	
12	2M UPPER ELECTRICAL HARNESS	D23628000, D23628000-1	32-07-10	MESSIER DOWTY	3	
13	BRAKE COOLING FAN	EVT506 SERIES	32-48-18	TECHNOFAN	3	
14	TEMPERATURE SENSOR	C20464001	32-41-66	MESSIER BUGATTI / GOODRICH	2	
15	A.B.C.U.	E21328002	32-47-60	SAFRAN / MESSIER BUGATTI- DOWTY	2	

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RATING: C5 : ELECTRICAL POWER						
S.NO	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	CABIN EMERG LIGHT (DOOR)	10-1267-Series	33-50-06	AIR SIGNA	3	
2.	CABIN EMERGENCY LIGHT	10-1266-Series	33-50-07	AIR SIGNA	3	
3.	EMERGENCY EXIT SIGN	10-1310-1	33-50-03	AIR SIGNA	3	
4.	LAVATORY OCCUPIED SIGN	10-1315-X	33-26-04	AIR SIGNAL GMBH	3	
5.	CARGO LOAD AREA LIGHT	1X2005012-XX	33-32-11	HELLA	3	
6.	LOGO LIGHT	1X2005097- Series	33-43-01	HELLA	3	
7.	READING LIGHT	2LA004890X - XX 2LA005776 – XX	33-11-01	HELLA	3	

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RATING: C5 : ELECTRICAL POWER						
S.NO	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
8.	OVER WING EMERGENCY LIGHT	2LA00512X - Series 2LA00541X - Series	33-52-31	HELLA KG.	3	
9.	READING LIGHT	2LA00539X - XX	33-22-06	HELLA	3	
10.	BATTERY	3214-30 / AD 3214-30	33 -51-07	DIEHL / HEICO	3	HEICO is PMA part
11.	BATTERY	3214-31	33-51-17	DIEHL	3	
12.	ANNUNCIATER LIGHT TEST BOARD	35-0F5-1000	33-14-32	THALES	3	
13.	DOME LIGHT	35-53	33-09-14	LABINAL	3	
14.	TAKE OFF LIGHT	4233488, 8000283Y00	33-46-01	ECE TELEFLEX	3	
15.	RUNWAY TURN OFF LIGHT	4236534, 8000281Y00, 8000306Y00	33-43-03	ECE TELEFLEX SYNERAVIA	3	
16.	TAXI LIGHT	4236564, 8000282Y00	33-46-02	ECE TELEFLEX	3	
17.	CARGO COMPARTMENT LIGHT	4260-10, 4260-10-01	33-34-02	DLE	3	

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RATING: C5 : ELECTRICAL POWER						
S.NO	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
18.	RETRACTABLE LANDING LIGHT	4315542, 4191695. 4331772	33-42-12	ECE TELEFLEX SYNERAVIA	3	
19.	WING & ENGINE LIGHT	4383137, 4383121	33-49-29	ECE TELEFLEX	3	
20.	EMERGENCY EXIT LIGHT POWER SUPPLY	60-1321-1	33-50-11	GRIMES	1	
21.	EXIT IDENTIFIER, FLOOD LIGHT	BR9279-X	33-21-58	BRUCEL INDUSTRIES	1	
22.	LED LAVATORY LIGHT	F1000270-00	33-27-01	AIR SIGNAL GMBH	3	
23.	READING LIGHT POWER UNIT	Z250H Series	33-20-10	AIRBUS	3	
24.	LIGHT ASSLY/ HOUSING ASSLY	2LA408353-00 / 9BG408324-00	33-11-23	HELLA	3	
25.	AIRCRAFT TAXI LIGHT	50-0176-1/50-0176-3	33-46-12	GRIMES AEROSPACE	3	
26.	WING & NACELLE INSPECTION FLOOD LIGHT	30-1883-3/-4/-5/-6	33-49-11	GRIMES	3	


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RATING: C5 : ELECTRICAL POWER						
S.NO	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
27.	FLIGHT CREW READING LIGHT	2LA005163-00	33-11-21	GOODRICH	2	
28.	FLOOD LIGHT UNIT	2LA005542-XX 2LA00554X 2LA005541-XX 2LA005543-XX	33-11-41 33-11-46 33-11-47 33-11-47	GOODRICH / HELLA	2	
29.	CALL LIGHT	10-1358-X / 10-1358-XX	33-20-01	AIR SIGNA GMBH+ CO. KG	2	
30.	AREA CALL PANEL	10-1319-X	33-20-05	AIR SIGNA GMBH+ CO. KG	2	
31.	LAVATORY CALL LIGHT/ HANDLE LIGHT/ CALL LIGHT/ STAIR BARRIER LIGHT	F1000240-XX	33-22-01	AIR SIGNA GMBH+ CO. KG	2	
32.	AIRCRAFT TAKE OFF LIGHT	50-0164-X	33-46-11	GRIMES AEROSPACE CO.	2	
33.	SIGN UNIT / UTILITY LIGHT	2LA005715-XX	33-24-01	HELLA	2	
34.	WING TIP NAVIGATION LIGHT	528-XX	33-41-12	AIR PRECISION	2	

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RATING: C3 : COMMUNICATION & NAVIGATION

S.NO	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	TOTAL TEMPERATURE SENSOR	102EH2EB	34-18-63	ROSEMOUNT AEROSPACE	1	
2	TOTAL TEMPERATURE SENSOR	0102ME2GE	34-18-71	GOODRICH	1	


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RATING: C7 : ENGINE — APU

S.NO	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	A320FAMILY / A330 COMPONENT INTERFACING HARNESS	A) Harness, P/.N: 320.401.201.0 CMM-73-22-87 B) Sliding Window Harness, P/N: E0488HL Ref.– ESPM/ AWM C) Cable / Harness (strobe light), P/N: D943- 40010-002- E.320.401.201.0 etc.	CMM/ESPM/ AWM	AIRBUS	3	


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<u>RATING: C13: INSTRUMENTS</u>						
S.NO	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	AIRCRAFT PANEL	21VU,22VU,24VU,25VU,27VU,30VU,35VU,40VU,48VU,50VU,54VU,108VU,110VU,111VU,112VU,114VU,115VU,301VU, 402VU & 500VU	93-00-00	AIRBUS	2	PANEL INTEGRAL WIRING CHECK, REPLACEMENT OF COMPONENT AND INTEGRAL LIGHT CHECK. ** (DOES NOT COVER FUNCTIONAL CHECK ON ATEC, IF APPLICABLE)


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2.5 INSTRUMENT OVERHAUL SHOP, MUMBAI

<u>RATING : C1 : AIR CONDITIONING & PRESSURIZATION</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	DIFFERENTIAL PRESSURE SWITCH	1209 - 100	21-26-11	IN - LHC (ZODIAC)	1	
2	DIFFERENTIAL PRESSURE SWITCH	1218 - 100	21-28-00	IN - LHC (ZODIAC)	1	
3	DIFFERENTIAL PRESSURE SWITCH	1266 - 200	21-25-00	IN - LHC (ZODIAC)	1	
4	TEMP SENSOR	763A0000 - 02/03	21-52-18	LIEBHERR	1	
5	TEMP SENSOR	764A0000 - 02/03	21-52-22	LIEBHERR	1	
6	TEMP SENSOR	764B0000 - 01/02	21-52-22	LIEBHERR	1	
7	TEMP SENSOR	772A0000 - 01/02	21-63-08	LIEBHERR	1	
8	PRESSURE SENSOR	9104A0005 - 01	21-51-15	LIEBHERR	1	
9	PACK INLET PRESSURE SENSOR	9104A0009 - 02	21-51-17	LIEBHERR	1	
10	DIFFERENTIAL PRESSURE SWITCH	F05 SERIES	21-20-01	SITEC AEROSPACE	1	
11	PRESSURE SWITCH	HTE 690047	21-20-07	FR - Hi TEMP	1	
12	TEMPERATURE SENSOR	9105A0XXX Series	21-53-11	LIEBHERR	1	


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<u>RATING : C9 : FUEL</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	PRESSURE SWITCH	HTE69000 - 1	28-21-53	EATON	1	
2	PRESSURE SWITCH	TP 07-14-033	28-22-18	AIRSCREW	1	


	CAPABILITY LIST		AIESL CAP/03		
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RATING : C12 : HYDRAULIC

S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	HYDRAULIC PRESSURE SWITCH	50 - 1 - 3100 - 00 50 - 2 - 3100 - 00	29-11-17 29-12-17	ELEKTRO METALL EXPORT GMBH	1	
2	HYD. PRESSURE TRANSMITTER	64250-005-1	29-09-39	THALES	3	
3	LOW LEVEL SWITCH	C60AA0082	29-31-12	TRW AERONAUTICAL SYS	1	
4	LOW LEVEL SWITCH	D90ST2004 - 000	29-09-56	GOOD RICH	1	

	CAPABILITY LIST		AIESL CAP/03		
			PART 2		SECTION 2.5
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<u>RATING : C13 : INSTRUMENT</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	FLIGHT DATA ACQUISITION UNIT	2222601	31-31-01	TELEDYNE CONTROLS	3	
2.	FLT. DATA ENTRY PANEL	2223574	31-31-02	TELEDYNE CONTROLS	1	
3.	FLIGHT DATA RECORDER	2100 - XXXX-SERIES	31-30-03	L3 AVIATION PRODUCT	2	
4.	P.M.R.	981-6103-002	31-31-07	SUNSTRAND	3	
5.	PCMCIA CARD	2243124-0256	31-36-00	TELEDYNE	1	

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<u>RATING : C3 : COMMUNICATION & NAVIGATION</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	AIRSPED INDICATOR	64050 - 866 - 1	34-10-02	THALES	1	
2	ALTIMETER	64141 - 580 - 1	34-21-22	THALES	1	
3	TOTAL PRESSURE PROBE	C16195AA / C16195BA	34-11-53	THALES	1	P/N: C16195BA added to P/N: C16195AA
4	ANGLE OF ATTACK SENSOR	C16291AA / C16291AB	34-20-12	THALES	3	P/N: C16129AB added to P/N: C16129AA
5	GYRO HORIZON	H321BHM1	34-23-89	THALES	1	
6	STANDBY ASI	WL246AS-MS	34-13-01	GE AVIATION	3	
7	PITOT TUBE	0851HL	34-11-09	GOODRICH	1	



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RATING : C15 : OXYGEN

S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	ALTITUDE SWITCH	101809-XX	35-10-90	BE AEROSPACE	1	
2.	OXY. MASK ASSY	114019-Series	35-20-29	PURITAN-BENNETT AERO SYSTEMS CO.	3	
3.	OXY. MASK ASSY	174097-XXX	35-24-04	BE AEROSPACE	3	
4.	PORTABLE OXYGEN CYLINDER ASSEMBLY	3552- SERIES	35-35-52	ZODIAC AEROSPACE	1	Charging in OXY Room
5.	PORTABLE OXYGEN CYLINDER ASSEMBLY	5500 - SERIES	35-32-18	ZODIAC AEROSPACE	1	Charging in OXY Room
6.	PORTABLE OXYGEN CYLINDER ASSEMBLY	5600- SERIES	35-32-18	ZODIAC AEROSPACE	1	Charging in Oxygen room
7.	REGULATOR ASSEMBLY	801160-00 to 04	35-31-55	ZODIAC AEROSPACE	3	
8.	CYLINDER AND VALVE ASSY.	801307 - Series	35-23-07	ZODIAC	1	Charging in OXY Room
9.	VALVE ASSEMBLY	801308-14	35-28-91	AVOX	3	
10.	STATIONARY CYLINDER	891000 Series	35-28-91	AVOX SYSTEM INC.	1	Charging in OXY Room



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RATING : C15 : OXYGEN

S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
11.	CYLINDER AND VALVE ASSEMBLY	897 - SERIES	35-21-93	AVOX SYSTEM INC	1	Charging in OXY Room
12.	PORTABLE CYLINDER ASSEMBLY	9700 - SERIES	35-31-55	ZODIAC AEROSPACE	1	Charging in OXY Room
13.	PORTABLE CYLINDER ASSEMBLY	9800 - SERIES	35-31-55	ZODIAC AEROSPACE	1	Charging in OXY Room
14.	PROTECTIVE BREATHING EQUIPMENT (OXY CREW)	E28180-Series	35-10-25	BE AEROSPACE	2	
15.	PRESSURE SWITCH	CMK 80-01	35-15-01	ZODIAC INTERTECHNIQUE	1	
16.	PRESSURE REGULATOR TRANSMITTER	RCF 67- SERIES	35-50-05	ZODIAC AEROTECHNICS	3	
17.	VALVE - SOLENOID	DVE 90 – XX - SERIES	35-12-71	ZODIAC AEROTECHNICS	3	
18.	EMERGENCY OXYGEN CONTAINER	G1L123 & G1L124 SERIES G1R123 & G1R124 SERIES	35-21-73	BE AEROSPACE	3	
19.	FLIGHT CREW MASK STOWAGE	MXP 400 SERIES MXP 600 SERIES MXP 800 SERIES	35-13-42 & 35-13-44	ZODIAC AEROTECHNICS	3	
20.	FULL FACE QUICK DONING MASK REGULATOR	MF 10- SERIES MF 20- SERIES	35-13-61 & 35-13-60	ZODIAC AEROTECHNICS	3	
21.	REGULATOR ASSEMBLY	RMC 1000 - SERIES RMC 1100 - SERIES	35-13-70	INTERTECHNIQUE	3	
22.	REGULATOR ASSEMBLY	RMC 2000 - SERIES RMC 2100 - SERIES	35-13-74	ZODIAC AEROSPACE	3	

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RATING : C4 :DOORS & LATCHES

S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	DIFFERENTIAL PRESSURE SWITCH	1266 - 100	52-73-12	ZODIAC AEROSPACE	1	

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2.6 RADIO OVERHAUL SHOP, MUMBAI

<u>RATING: C3: COMMUNICATION & NAVIGATION</u>						
S. No.	NOMENCLATURE	PART NUMBER	ATA / CMM Reference	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	BOOM SET	045-250-025	23-41-23	SENNHEISER	3	
2.	BOOMSET	1046GT2102AY	23-51-06	HOLMCO	2	
3.	BOOMSET	1441G16-4182	23-51-22	HOLMBERG	3	
4.	HEAD SET	20046-1	23-40-02	TELEPHONICS	3	
5.	SOLID STATE COCKPIT VOICE RECORDER	2100-1020-XX	23-70-04	L3 COMMUNICATIONS	2	
6.	HAND MIKE	291SP017	23-51-44	ELNO	3	
7.	INTERCOM SET	460AEM4030	23-51-00	WILSON	3	
8.	INTERCOM SET	H3530-C3530	23-51-00	David Clark	3	
9.	H.F. ANTENNA COUPLER	822-0987-XXX	23-11-92	Rockwell COLLINS	2	
10.	BOOMSET	64300-210	23-51-06	TELEX	3	
11.	HF ANTENNA COUPLER	792-6140-001	23-11-04	COLLINS	3	
12.	BOOMSET	8411G16 90-06-04635-08	23-51-15	HOLMBERG	3	



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RATING: C3 : COMMUNICATION & NAVIGATION

S.No.	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
13.	S.S.C. V. R.	2100-1025-XX	23-70-04	L3-COM	2	
14.	HAND MIKE	DDT1P1291	23-51-55	LEM	3	
15.	UNDERWATER ACOUSTIC BEACON	DK100	23-70-01	DUKANE CORPN.	1	
16.	UNDER WATER ACOUSTIC BEACON	DK-120	23-70-01	DUKANE CORPORATION	1	Level 1 including Battery Replacement.
17.	BOOM SET	HME1410-XXX	23-41-20	SENNHEISER	3	
18.	HAND HELD MICROPHONE	M83/P1801A	23-40-12	LEM	2	
19.	HAND SET	ST 3100 SERIES	23-40-01	BECKER AVIONICS SYSTEM	3	
20.	BOOMSET	046-XXX	23-51-31	SENNHEISER	3	
21.	HANDSET	89-01-07XXX	23-73-01	HOLMCO	3	
22.	HEAD SET (WIRELESS INTERCOM SET)	MT 53H7 AWS2-01GB	23	PELTOR	3	
23.	ADAPTOR (WIRELESS INTERCOM SET)	FL 6007-WS	23	PELTOR	3	
24.	ATC 'S' Mode Transponder /	622-7878-301	34-50-74	ROCKWELL COLLINS	2	Operation of Transponder to be checked on Aircraft in conjunction with TCAS , if required.


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25.	ATC 'S' Mode Transponder /	066-01127-1101/1301/1402	34-50-74	HONEYWELL	2	Operation of Transponder to be checked on Aircraft in conjunction with TCAS , if required.
26.	MMR (Multi Mode Receiver)	TLS755-01-XXXX	34-36-31	THALES	2	

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RATING: C6: EQUIPMENT						
S.NO.	NOMENCLATURE	PART NUMBER	ATA/ CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARK
1.	ELT (ADT406S) SURVIVAL	01N65920	25-60-11	ELTA	1	Level 1 with Battery replacement
2.	ELT (Water Activated) Rescu 406	1151324-1XXXX	25-60-10	HONEYWELL	3	
3.	MEGAPHONE, Voice Gun	A-12SA	25	FEDERAL SIGNAL	3	
4.	Megaphone	ACR/EM-1A	25-60--01	ACR (Electronics)	2	
5.	ELT (IMPACT)	S182X502-XX	25-63-01	KANNAD/MARTEC	2	
6.	WATER ACTIVATED ELT RESCU 406 (SE)	1153426-1M XXX	25-60-13	HONEYWELL	3	
7.	SVDU	180199-XXX	44-22-39	THALES	2	
8.	SVDU	179036-XXX	44-21-79	THALES	2	
9.	SVDU	178850-XXX	44-21-71	THALES	2	
10.	SVDU	179290-XXX	44-21-73	THALES	2	
11.	ICMT	177792-XXX	44-21-27	THALES	2	

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2.7 ADDITIONAL CAPABILITIES, MUMBAI

ELECTRICAL SHOP CALIBRATION OF GAUGES


S.NO.	DESCRIPTION	APPLICATION
1	<u>Electrical</u> CALIBRATION OF METERS AND RESISTANCE BOXES AS PER WORK INSTRUCTION DERIVED FROM BRITISH STANDARDS / OEM'S. CALIBRATION IS DONE AGAINST STANDARDS TRACEABLE TO NATIONAL STANDARDS.	<ul style="list-style-type: none"> • VOLT METER • AMMETER • VARIABLE RESISTANCE BOX
	<u>CALIBRATION STANDARDS</u> DIGITAL MULTIMETER	MODEL – RISH MULTI 18S (S.NO. – 027372)
	DIGITAL MULTIMETER	MODEL – FLUKE 189 (S.NO. – 91500066)

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CALIBRATION OF GAUGES:


S.No.	DESCRIPTION	APPLICATION
1	<p><u>MECHANICAL:</u></p> <p>CALIBRATION OF GAUGES / MEASURING EQUIPMENT & SPECIAL TOOLS AGAINST STANDARD LABS AS TRACEABILITY.</p>	<ul style="list-style-type: none"> • MICROMETER (IF TEST PIECES AVAILABLE) • VERNIER CALIPER (IF TEST PIECES AVAILABLE) • WEIGHING BALANCE • SPRING BALANCE • TORQUE WRENCH • PRESSURE GAUGE • DEAD - WEIGHT TESTER
	<p>CALIBRATION STANDARDS</p> <p>STD WEIGHTS</p> <p>DEAD-WEIGHT TESTER:</p> <p>TORQUE WRENCH/METER TESTER</p> <p>DIGITAL PRESSURE GAUGE MODEL</p>	<p>8888 GMS</p> <p>UPTO 10 000 PSI</p> <p>RANGE 0 - 600 FT-LBS, 0 - 600 INCH-LBS, 0 - 200 FT-LBS</p> <p>DPI104 UP TO 10,000 PSI.</p>

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CALIBRATION OF GAUGES:


S. No.	DESCRIPTION	APPLICATION
2	<p><u>ELECTRICAL:</u></p> <p>TEST & CALIBRATION OF ANALOG AND DIGITAL AC/ DC VOLTMETERS & AMMETERS, OHMMETERS, AS PER WORK INSTRUCTION DERIVED FROM RESPECTIVE OEMS.</p> <p>CALIBRATION IS DONE AGAINST STANDARDS TRACEABLE TO NATIONAL STANDARDS.</p>	<p>RANGE OF CALIBRATION</p> <p>DC VOLTAGE FROM 0V ± 1050V</p> <p>AC VOLTAGE FROM 0V TO 1050V WITH OUTPUT FROM 10HZ TO 100KHZ</p> <p>AC CURRENT FROM 0A TO 20A WITH OUTPUT FROM 10HZ TO 30KHZ</p> <p>DC CURRENT FROM 0A TO ± 20A</p> <p>RESISTANCE VALUES FROM SHORT CIRCUIT TO 400MΩ</p> <p>FREQUENCY FROM 0.5HZ TO 10MHZ</p> <p>TEMPERATURE SENSOR & METER FROM -45 °C TO + 150° C</p>
	<p>CALIBRATION STANDARDS WAVETEK CALIBRATOR TEMPERATURE CALIBRATOR</p>	<p>MODEL 9100 MODELDBC150</p>

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CALIBRATION OF GAUGES:


S.No.	DESCRIPTION	APPLICATION
1	<p>CALIBRATION OF RF POWER, FREQUENCY</p> <p>CALIBRATION IS DONE WITH MASTER CALIBRATORS TRACEABLE TO NATIONAL STANDARD.</p>	<p>RANGE OF CALIBRATION</p> <p>RF AV POWER -70dBm TO +44dBm (10MHz TO 18GHz) 0.1pW to 25W</p> <p>FREQ 0 – 12.4GHz</p> <p>RF PEAK POWER UPTO 200mV (50MHz TO 18GHz)</p>
	<p>CALIBRATION STANDARDS</p> <p>AGILENT POWER METER MODEL 437B</p> <p>AGILENT COUNTER MODEL .53132A</p> <p>BOONTON RF POWER METER MODEL 4531</p> <p>R & S SIGNAL GENERATOR MODEL SML 01</p> <p>R & S SIGNAL GENERATOR MODEL SMR 20</p> <p>PENDULUM FREQ. REFERENCE STANDARD MODEL 6689</p>	

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CALIBRATION OF GAUGES:

S. No.	DESCRIPTION	APPLICATION			
2	<p>CALIBRATION OF ANALOG AND DIGITAL, AC/DC VOLTMETER, AC/DC AMMETER, OHMMETER, CAPACITORS, OSCILLOSCOPES,</p> <p>CALIBRATION IS DONE WITH CALIBRATOR TRACEABLE TO NATIONAL STANDARD.</p>	<p>RANGE OF CALIBRATION</p> <p>DC VOLTAGE FROM 0V ± 1020V</p> <p>AC VOLTAGE FROM 1mV to 1020V with output from 10Hz to 500KHz</p> <p>AC CURRENT FROM 0.01µA TO 11.0A with output from 10Hz to 10KHz</p> <p>DC CURRENT FROM 0 TO 11.0A</p> <p>RESISTANCE VALUES FROM SHORT CIRCUIT TO 330MΩ</p> <p>CAPACITOR VALUE FROM 330pF to 1100µF</p>			
	<p>CALIBRATION STANDARDS</p> <p>FLUKE CALIBRATOR: MODEL 5500A</p>				

	CAPABILITY LIST		AIESL CAP/03		
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2.8 THRUST REVERSER OVERHAUL SHOP, MUMBAI

RATING: C7 : ENGINE-APU						
SR.No	Nomenclature	Part Number	ATA/CMM Referance	Manufacturer/ Vendor	Level of Maintenance	REMARKS
1	CFM56 – 5B Fan Thrust Reverser Door Assemblies (LH)	642-3801-XXX	78-32-36	Rohr Inc.	2	Repair No. 2, 3, 4, 12, 13, 19, 40 and 68
2	CFM56 – 5B Fan Thrust Reverser Door Assemblies (RH)	642-3802-XXX	78-32-36	Rohr Inc.	2	Repair No. 2, 3, 4, 12, 13, 19, 40 and 68




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3.1 GENERAL DESCRIPTION OF EASTERN REGION CAPABILITIES

CLASS	RATING	DETAILS	
AIRCRAFT	A1	AIRCRAFT ABOVE 5700 Kg	As described in AIESL MOE Section 1.9.
COMPONENTS OTHER THAN COMPLETE ENGINE & APU	C1,C2,C3,C4,C5,C6,C7,C8, C9,C12,C13,C14,C15,C17, C19,C20	COMPONENTS AS DESCRIBED IN THE APPROVED CAPABILITY LIST	As per the Section 2,4,5 & 6 of Part 3 of AIESL Capability List (CAP/3)
Specialized Services	D1-NDT	<i>Magnetic Particles Inspection</i>	In accordance with ASNT guidelines published in SNT-TC-1A (2001) and DGCA document CAR, Section 2, Series L, Part XIV.
		<i>Fluorescents Penetrant Inspection</i>	
		<i>Ultrasonic Inspection</i>	
		<i>Eddy Current Inspection</i>	
		<i>X-RAY</i>	
Additional Capabilities		<i>Test Equipment/ Gauges & Tools used for Aircraft Maintenance</i>	Testing, Calibration and certification of Test Equipment/Instruments and Tools used for Maintenance of Aircraft Maintenance and Overhaul of Components
Other Facilities			Fuel & Oil Testing Lab

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3.2 AIRCRAFT MAINTENANCE

Shifted to MOE section 1.9

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3.3 ACCESSORY OVERHAUL SHOP, KOLKATA

<u>RATING: C1 : AIRCONDITIONING & PRESSURISATION</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	CHECK VALVE	CT191B	21-26-41	TECHNOFAN	3	
2.	TRIM AIR PRESSURE REGULATING VALVE	746A0000	21-62-10/11	LIEBHERR	3	
3.	AIR CYCLE MACHINE	757A	21-52-02	LIEBHERR	3	
4.	Primary Heat Exchanger	753X0000-YY (X-A/B/C & Y-numerical)	21-52-11 (A/B/C) 21-54-12 (D)	LIEBHERR	2	
5.	Main Heat Exchanger	754X0000-VY(X-AJB/C/D & Y-numerical)	21-52-12 (A/B/C) 21-54-14 (D)	LIEBHERR	2	
6.	Reheater	755X0000-VY(X-AJB/C/D & Y-numerical),	21-52-08 21-54-17	LIEBHERR	2	
7.	Condenser	756X0000-VY(X-AJB/C/D & Y-numerical)	21-54-18 21-52-10	LIEBHERR	2	
8.	Air Cycle Machine	1814A0000	21-52-15	LIEBHERR	1	
9.	Air Cycle Machine	1263A0000	21-52-16	LIEBHERR	1	


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RATING: C6 : EQUIPMENT


S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	LIFE JACKET (PAX/CREW)	D21344/D21343/ 63600	25-60-05 25-64-02	AIRCUISER	3	
2	LIFE RAFT	D23835 / D23969	25-60-07 25-62-02	AIRCUISER	3	
3	LIFE JACKET (INFANT)	P0640	25-60-15	EASTERN AEROMARINE	3	

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<u>RATING: C17 : PNEUMATICS</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	CHECK VALVE	986F12 / L96H15-501	36-10-00	INTERTECHNIQUE	3	
2.	FAN AIR VALVE	6730	36-11-54/57	LIEBHERR	3	
3.	DUCT & NRV	HTE460009/ FRH220034V	36-15-01/03	FR-HiTEMP/ EATON	3	
4.	IP CHECK VALVE	2290/2293	36-11-04	LIEBHERR AEROTECHNIK	3	
5.	OVER PRESSURE VALVE	6740	36-11-53	LIEBHERR	3	
6.	HIGH PRESSURE REGULATING VALVE	6713	36-11-45/51	LIEBHERR	3	
7.	BLEED PRESSURE REGULATING VALVE	6714	36-11-46/51	LIEBHERR	3	
8.	HP REGULATING VALVE	6773E010000 AND 6773F/G* SERIES)	36-11-05/27	LIEBHERR	3	
9.	VALVE BLEED	6774F/G* SERIES	36-11-28	LIEBHERR	3	


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RATING: C7 : ENGINE – APU						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	BLEED VALVE (APU)	3290052	49-50-97	HONEYWELL	3	
2	SURGE CONTROL VALVE	3290050	49-50-87	HONEYWELL	3	
3	THREE & ONE-HALF INCH DIAMETER LOAD CONTROL VALVE	3291432 SERIES	49-52-35	HONEYWELL	3	
4	3.5 INCH DIAMETER APU BLEED AIR VALVE	3291214 - 2	49-52-29	HONEYWELL	3	

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RATING: C7 : ENGINE – APU

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	PNEUMATIC ENGINE STARTER	790425	80-13-41	SUMITOMO PRECISION	3	
2	AIR TURBINE ENGINE STARTER	3505582 SERIES	80-11-37	HONEYWELL	3	

	CAPABILITY LIST		AIESL CAP/03		
			PART 3		SECTION 3.4
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3.4 ELECTRICAL OVERHAUL SHOP, KOLKATA

<u>RATING: C1 : AIRCONDITIONING & PRESSURISATION</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	PACK VALVE	396064	21-10-27	HONEYWELL	1	Maintenance at Delhi except Test
2.	TURBO FAN VALVE	392678-1-1/-3-1	21-50-45	HONEYWELL	1	Maintenance at Delhi except Test
3.	TRIM AIR VALVE	750A0000	21-62-12	LIEBHERR	3	
4.	BYPASS VALVE	758A0000	21-52-20	LIEBHERR	3	
5.	FLOW CONTROL VALVE	751A0000	21-51-09	LIEBHERR	3	
6.	BUTTERFLY VALVE	V2T152-B/ V2T127-B	21-26-54	TECHNOFAN	3	
7.	SKIN AIR VALVE	VFT300-A//VFT210-A	21-26-52	TECHNOFAN	3	
8.	BUTTERFLY AIR VALVE	V2T152-D/ V2T127-D	21-26-54 & 21-26-55	TECHNOFAN	3	

	CAPABILITY LIST		AIESL CAP/03		
			PART 3		SECTION 3.4
	EASTERN REGION		Issue-2	Rev-0	01 DEC 2020


RATING: C5 : ELECTRICAL POWER

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	IDG (GENERATOR PORTION)	766219 /740119	24-11-79	HAMILTON SUNDSTRAND	3	
2.	NICKEL CADMIUM BATTERY	2758	24-38-51	SAFT	3	
3.	NICKEL CADMIUM BATTERY	1656-6/1658-6	24-31-19	SAFT	3	
4.	NICKEL CADMIUM BATTERY	40678-2/4078-2	24-31-15	SAFT	3	
5.	APU AC GENERATOR	BA03600 series / 5913667 series	24-23-51	SAFRAN	3	To carry out servicing and testing


	CAPABILITY LIST		AIESL CAP/03		
			PART 3		SECTION 3.4
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RATING: C6 : EQUIPMENT


S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	HOT JUG (ROD TYPE)	HJ-B-3/ HJ-0-2/DLH105-075	25-37-52	AIRBUS INDUSTRIES	3	
2.	A/C Convection Oven	3G900-9999-YYY	25-34-04	IPECO	3	
3.	Hot Cup	JD034006	25-30-591	DRIESSEN	3	
4.	Hot Jug	JA003028	25-30-734	DRIESSEN	3	

	CAPABILITY LIST		AIESL CAP/03		
			PART 3		SECTION 3.4
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<u>RATING: C18 : PROTECTION ICE/RAIN/FIRE</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	AIR INTAKE ANTI-ICE VALVE	324425	30-21-51	WHITTAKER	3	

	CAPABILITY LIST		AIESL CAP/03		
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<u>RATING: C17 : PNEUMATIC</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	TEMPERATURE LIMITING THERMOSTAT	341E010000/ 341D010000/ 341E030000	36-11-43	LIEBHERR	3	
2	CABIN AIR SOLENOID VALVE	AC69518//AC69576	36-11-57	DUNLOP LTD.	3	
3	ISOLATION VALVE	4063-16082	36-10-22	NORDMICRO	3	
4	TEMPERATURE CONTROL THERMOSTAT	342B030000/342D030000 342B040000/342B050000	36-11-44 36-11-47	LIEBHERR	3	
5	TEMPERATURE LIMITING THERMOSTAT	341F Series	36-11-10	LIEBHERR	3	

	CAPABILITY LIST		AIESL CAP/03		
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<u>RATING: C7 : ENGINE/APU</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	APU BLEED VALVE	109486	49-52-09	HONEYWELL	1	Maintenance at Delhi except Test
2.	APU STARTER MOTOR	2000866	49-41-08	HONEYWELL	3	
3.	APU WIRING HARNESS	3888212/3888167/ 388827-1	49-25-69	HONEYWELL	3	
4.	APU STARTER MOTOR	2704506	49-41-20	HONEYWELL	3	
5.	APU WIRING HARNESS	3888438-1	49-11-13	HONEYWELL	3	


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<u>RATING: C7 : ENGINE/APU</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	STAGE 10 SOLENOID VALVE	AC69262//AC69674	75-23-52	DUNLOP LTD.	3	
2	HP 7 SOLENOID VALVE	AC69386//AC69572	75-32-51	DUNLOP LTD.	3	
3	HP 10 SOLENOID VALVE	AC69378//AC69374// AC69574	75-32-53	DUNLOP LTD.	3	

	CAPABILITY LIST		AIESL CAP/03		
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RATING : C7 : ENGINE – APU

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	ENGINE START VALVE	2730426/898172/979102	80-11-73	PARKER HANNIFIN	1	Only Testing (Repair at Delhi)
2	ENGINE START VALVE	790424	80-13-51	SUMITOMO PRECISION	3	
3	STARTER CONTROL VALVE (ENGINE START VALVE)	3291556-X	80-12-43	HONEYWELL	3	

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3.5 INSTRUMENT OVERHAUL SHOP, KOLKATA


<u>RATING: C13 : INSTRUMENTS</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	FLIGHT DATA RECORDER	2100 SERIES	31-30-03	L3 COMM	2	

	CAPABILITY LIST		AIESL CAP/03		
			PART 3		SECTION 3.5
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RATING: C3 : COMMUNICATION & NAVIGATION

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
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	CAPABILITY LIST		AIESL CAP/03		
			PART 3		SECTION 3.5
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<u>RATING: C15 : OXYGEN</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	CREW OXYGEN BOTTLE	897940-77	35-21-93	SCOTT	1*	*Charging Only
2	CREW OXYGEN BOTTLE	891511-14/15	35-28-91	EROS	1*	*Charging Only
3	CREW OXYGEN BOTTLE	801307-00	35-21-57	SCOTT	1*	*Charging Only
4	CREW OXYGEN BOTTLE	801307-04	35-21-57	SCOTT	1*	*Charging Only
5	CREW OXYGEN BOTTLE (ATR)	891311-14	35-28-91	EROS	1*	*Charging Only
6	PORTABLE OXYGEN BOTTLE	550A2ABF23A	35-32-18	TYCO(SCOTT AVIATION)	1*	*Charging Only
7	PORTABLE OXYGEN BOTTLE	98002D1AF	35-31-55	SCOTT	1*	*Charging Only
8	PORTABLE OXYGEN BOTTLE	3552AAAXAACXCD	35-35-52	AVOX SYSTEM INC.	1*	*Charging Only
9	PORTABLE OXYGEN BOTTLE (ATR)	9700CIAYYON	35-31-55	SCOTT	1*	*Charging Only

	CAPABILITY LIST		AIESL CAP/03		
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RATING: C7 : ENGINE - APU


S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
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3.6 RADIO OVERHAUL SHOP, KOLKATA


<u>RATING: C3: COMMUNICATION & NAVIGATION</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	SSCVR	2100-Series	23-70-04	L3 COMM. SARSOTA FLORIDA	2	
2	BOOM SET	1046GT2102AY	23-51-06	HOLMCO, GERMANY	3	
3	HAND MIKE	M-83/P1801A/P1801APL68	23-40-12	M/S ELNO LEM, FRANCE	3	
4	CABIN TELEPHONE HAND SET	89-01-07XXX SERIES	23-73-01	HOLMCO, GERMANY	2	
5	SSCVR	S200-0012-00 (Model A200S)	23-70-03	L3 COMM. SARSOTA FLORIDA	1	
6	HAND MIKE	85-16-11494-05	23-51-38	HOLMBERG GMBH & CO	2	
7	HEAD PHONE	HD46-69-xxx SERIES	23-41-45	SENNHEISER	2	
8	AUDIO MANAGEMENT UNIT	AMU4031SA/SB	23-51-37/38	COBHAM ELECTRONICS	2	
9	AUDIO MIXER UNIT	BMA3603AA01	23-70-05	COBHAM ELECTRONICS	2	

	CAPABILITY LIST		AIESL CAP/03		
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<u>RATING: C6: EQUIPMENT</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	MEGAPHONE	A12SA/ ACR EM-1A/1D	25-65-04 25-60-01	FEDERAL SIGNAL CORP. ACR ELECTRONICS,FLORIDA	3	
2	EMERGENCY LOCATOR TRANSMITTER (IMPACT)	S182x502-xx SERIES	25-63-05	KANNAD	2	
3	EMERGENCY LOCATOR TRANSMITTER (SURVIVAL)	01N65920-xxx SERIES	25-60-11	ELTA	2	
4	EMERGENCY LOCATOR TRANSMITTER (SURVIVAL)	1151324-xx SERIES	25-60-10	HONEYWELL	2	

	CAPABILITY LIST		AIESL CAP/03		
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RATING: C3 : COMMUNICATION & NAVIGATION


S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
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	CAPABILITY LIST		AIESL CAP/03		
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3.7 ADDITIONAL CAPABILITIES, KOLKATA

CALIBRATION OF GAUGES:		
S/N	DESCRIPTION	APPLICATION (Calibration)
1	<p><u>Mechanical</u></p> <p>Calibration of gauges / measuring equipment & special tools as per work instruction derived from British Standards / OEMs.</p> <p>Calibration is done against standards traceable to national Standards.</p>	<ul style="list-style-type: none"> • Pressure-Hydraulic (0-6000) Psi, Vace. (2.5-30) inches of Hg. Pneumatic (0-200 barg & equipment • Absolute Pr. Gauges • Pressure Gauges • Diff. Pressure Gauges • Tire Pr. Gauges • Vacuum Gauges • Temperature Gauges • Torque Wrenches • Out side Micrometer • D.T.I • Gram gauge • Vernier Caliper • Spring Balance up to 190 Lbs • Tachometer / Speed Indicator • E.G.T Probe (J A S) • Air Pr. Sensor (J A S) • L O P Sw. (J A S) • Pneumatic Thermostat (J A S)

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CALIBRATION OF INDICATORS:

S/N	DESCRIPTION	APPLICATION (Calibration)
2	<p><u>Electrical</u></p> <p>Test & Calibration of Analog and Digital AC / DC Voltmeter & Ammeters, Ohmmeters, Frequency Counters and Oscilloscopes as per work instruction derived from respective OEMs.</p> <p>Calibration is done on master Calibration which are traceable to National Standards.</p>	<ul style="list-style-type: none"> • DC Voltage : (0± 1020) volt • Direct Current : (0± 11) Amps • AC Voltage : (1mv-1020v) with output from 10Hz to 500KHz • AC : (0.01μ A-11) Amps (10Hz to 10 KHz) • Frequency meter : Range as above • AVO Meter • Multi meter • Temperature Indicators : R T D (pt-100), Nine type of Thermocouples • Resistance : Short circuit to 330 MΩ • Digital R P M Indicator • Vibration amplifier • Capacitance : 330pf-100μf

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MECH. CALIBRATION STANDARDS:

S/N	DESCRIPTION
	<p><u>Calibration Standards User (Mechanical)</u></p> <ul style="list-style-type: none"> • Slip Gauges : (0.010-4) inches • Surface Plate : Granite, Grade "0" , IS : 7327:1991 SI No. 030052 • Manometer : (0-61) inches of water, (0-61) inches of Hg., (0-30) Psi • Dead Weight tester : At present under repair, ranges (0-100)psi & (100-10000)psi, Low 1 psi inc, High 100 psi inc • Comparison tester : Pressure gauges –Ranges (0-100)psi, (0-600)psi, (0-3000)psi, (0-6000)psi. • Druck Pressure Calibrator : P/N –DPI-601, Pneumatic Pr Range (0-20)Barg, Vacc.-(0-30) inches of Hg. • Torque Wrench / Meter Tester : (0-650)Lb-ft, (0-500)Lb-ft, (0-25)Lb-ft • Standard Weight : 190Lbs, 36Lbs, combination of 10Lbs, 5 Lbs & 1Lb • Oil Bath : (0-175) Deg. C • Mercury Thermometer : (0-250) Deg. C (40-300) Deg F • Digital Vernier Caliper : (0-12) inches • Micrometer : (0-1) inch, (7-8) Inches • Dust Counter : CI-4122A, 0.5 Micron • Stop Watch : Digital • Temperature Calibrator : Fluke 724 • Weighing Machine : (0-30) Kg • Photo Tachometer : At present under repair • Gram Gauges : (0-1600) gms • Weight Box : (10-1000) gms • Spring Tester : (10×0.10)Lbs • Optical Flatness Tester : Point of contact 0.0000116 inches within 3 inches circle

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ELECT. CALIBRATION STANDARDS:


S/N	DESCRIPTION
	<u>Calibration Standards User (Electrical)</u> <ul style="list-style-type: none"> • Fluke calibrator : Model 5500A • Function Generator : Model FG 503 • AC/Dc Calibrator : Radio Frequency Laboratories Boonton USA • Oscilloscope : Agilent 54622A • DC Power Supply : HIL 3160, (0-30) Volt, (0-2) Amps • Frequency Counter : PM 6669 • Digital Multi meter : Fluke 187 • Digital L-C-R Meter : PLCR 8C • AC Power source / analyzer : HP-6834B • Standard Resistor : (100$\mu\Omega$-1kΩ) • Digital Megger : BMM 2000 ESD • Capacitance Box : (100pf-1μf) • Micro ohm meter : LR 2065 • Temperature Calibrator : Fluke 724

AIESL CAP/03




AI ENGINEERING SERVICES LIMITED
CAPABILITY LIST

PART 4
SOUTHERN REGION

	CAPABILITY LIST		AIESL CAP/03		
			PART 4		SECTION 4.1
	SOUTHERN REGION		Issue-2	Rev-2	12 MAY 2021


4.1 GENERAL DESCRIPTION OF SOUTHERN REGION CAPABILITIES

CLASS	RATING	DETAILS	
AIRCRAFT	A1	AIRCRAFT ABOVE 5700 Kg	As described in AIESL MOE Section 1.9.
COMPONENTS OTHER THAN COMPLETE ENGINE & APU	C1, C3, C5, C6, C7, C9, C12, C13, C14, C15, C17, C18 & C20	COMPONENTS AS DESCRIBED IN THE APPROVED CAPABILITY LIST	As per the Section 4.6, 4.7, 4.8, 4.9 and 4.10 of AIESL Capability List (CAP/03)
SPECIALIZED SERVICES	D1-NDT	Magnetic Particle Inspection	In accordance with ASNT guidelines published in SNT-TC-1A (2001) and DGCA document CAR, Section 2, Series L, Part XIV
		Liquid Penetrant Inspection	
		Ultrasonic Inspection	
		Eddy Current Inspection	
ADDITIONAL CAPABILITIES		Test Equipment/ Gauges & Tools used for Aircraft Maintenance	Testing, Calibration and certification of Test Equipment / Instruments and Tools used for Maintenance of Aircraft Maintenance and Overhaul of Components as described in Section 4.11 of AIESL Capability List (CAP/03)
Other Facilities			Composite material shop, Painting shop, Machine shop and Fuel & Oil lab

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4.2 AIRCRAFT MAINTENANCE AT HYDERABAD (SHAMSHABAD):

Shifted to MOE section 1.9

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4.3 AIRCRAFT MAINTENANCE AT CHENNAI:

Shifted to MOE Section 1.9

	CAPABILITY LIST		AIESL CAP/03		
			PART 4		SECTION 4.4
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4.4 AIRCRAFT MAINTENANCE AT BANGALORE:

Shifted to MOE Section 1.9

	CAPABILITY LIST		AIESL CAP/03		
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4.5 OUTSTATIONS UNDER SOUTHERN REGION:

Shifted to MOE Section 1.9


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4.6 ACCESSORY OVERHAUL SHOP, HYDERABAD

<u>RATING: C1 : AIRCONDITIONING & PRESSURISATION</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	RE-HEATER	755A0000-04	21-52-08	LIEBHERR	2	
2.	HEAT EXCHANGER PRIMARY	753A0000-03 B0000 C0000	21-52-11	LIEBHERR	2	
3.	HEAT EXCHANGER MAIN	754A0000-03 B0000 C0000	21-52-12	LIEBHERR	2	
4.	CONDENSER	756A0000-05	21-52-10	LIEBHERR	2	

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<u>RATING : C6: EQUIPMENT</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	AIR BOTTLE	D17851-31 (Part of D37080)	25-65-17	AIR CRUISERS CO.	3	
2.	AIR BOTTLE	D17851-27 (Part of D18309-103)	25-65-17	AIR CRUISERS CO.	3	
3.	PILOT'S SEAT	C-2510144-07-01 TAAI 1-PE SERIES	25-11-28 25-11-31	SOGERMA-SOCEA	2	
4.	CO PILOT'S SEAT	C-2510145-07-01 TAAI 1-CE SERIES	25-11-28 25-11-31	SOGERMA-SOCEA	2	
5.	AIR BOTTLE	D17851-34/35	25-65-17	AIR CRUISERS CO.	1	HST
6.	AIR BOTTLE	64236-1/3/5	25-65-17	AIR CRUISERS CO.	1	HST
7.	AIR BOTTLE	64331-1	25-65-17	AIR CRUISERS CO.	1	HST
8.	P1 SEAT ASSEMBLY	3A063-0079 SERIES	25-11-21	IPECO	2	
9.	P2 SEAT ASSEMBLY	3A063-0080 SERIES	25-11-21	IPECO	2	

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RATING : C18 : PROTECTION – FIRE						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	A/C FIRE EXTINGUISHER. LIQUID TYPE	840105 (Part of 870317)	26-20-20	Walter Kiddie Aero Space	3	
2.	PRESSURE REDUCER	D41552	26-10-10	D Ae systems	1	
3.	PRESSURE REDUCER	D41428	26-10-10	D Ae systems	1	
4.	PRESSURE REDUCER	E 62691-00	26-10-10	D Ae systems	1	
5.	PRESSURE REDUCER	E61751-00-0001/0002/0003	26-10-10	D Ae systems	1	
6.	FIRE EXTINGUISHER	472420	26-20-90	Kidde Aerospace	1	
7.	FIRE EXTINGUISHER	472088	26-20-79	Kidde Aerospace	1	
8.	FIRE EXTINGUISHER	472412	26-20-76	Kidde Aerospace	1	
9.	FIRE EXTINGUISHER	1708337B4	26-20-01	General Incendie	1	
10.	FIRE EXTINGUISHER	33600005-X	26-20-03	Meggitt	1	



CAPABILITY LIST

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RATING : C18 : PROTECTION – FIRE

S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
11.	FIRE EXTINGUISHER	34100005-X	26-20-04	Meggitt	1	
12.	FIRE EXTINGUISHER	34600016/34600017/ 34600025-X	26-20-06	Meggitt	1	
13.	FIRE EXTINGUISHER	863521-XX	26-20-10	L'HOTELLIER	1	
14.	FIRE EXTINGUISHER	BA24320X-X	26-25-36	Fire Fighting Enterprise LTD	1	
15.	FIRE EXTINGUISHER	86176007	26-25-41	L'HOTELLIER	1	
16.	FIRE EXTINGUISHER	34600049/34600089-X	26-23-42	Pacific Scientific	1	
17.	FIRE EXTINGUISHER	A800100, A825100, A826300, A86700, G800100, G825100, G826300, G826700, 474276 & 474453	26-25-04	Kidde Aerospace	1	
18.	FIRE EXTINGUISHER	466040, 466090, 898052	26-21-39	Kidde Aerospace	1	
19.	FIRE EXTINGUISHER	74-XX	26-24-05	Johnson Controls	1	
20.	FIRE EXTINGUISHER	840105, 870317, 871685, 890017, 890275, 891318, 892480, 893948	26-20-20	Kidde Aerospace	1	

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RATING : C14 :
LANDING GEAR

S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	MAIN WHEEL	2612311-1	32-40-14	HONEYWELL	3	B737-800
2.	NOSE WHEEL	2607825-2	32-40-10	HONEYWELL	3	B737-800
3.	MAIN WHEEL	5006856 5006856-1/2/3/4/5	32-40-74	MEGGITT AIRCRAFT BRAKING SYSTEMS	3	ATR 42
4.	NOSE WHEEL	5006858-1/2	32-46-21	----- DO -----	3	ATR 42
5.	BRAKE ASSY	5006857 5006857-1/-2 5012609	32-43-67	----- DO -----	3	ATR 42
6.	MAIN WHEEL	C20586100, C20586101, C20586110,C20586120	32-49-42	SAFRAN MESSIER – BUGATTI - DOWTY	3	ATR 72
7.	NOSE WHEEL	C20589000	32-49-43	SAFRAN MESSIER – BUGATTI - DOWTY	3	ATR 72
8.	BRAKE ASSY	C20585710 C20585711	32-49-44	SAFRAN MESSIER-BUGATTI-DOWTY	3	ATR 72
9.	MAIN WHEEL	C20500100	32-42-15	SAFRAN MESSIER-BUGATTI-DOWTY	3	A-321



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RATING : C14 :
LANDING GEAR


S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
10	MAIN WHEEL	C20195162	32-47-46	SAFRAN MESSIER-BUGATTI-DOWTY	3	A-319/A320
11	NOSE WHEEL	3-1531	32-41-13	GOODRICH	3	A320 FAMILY
12	BRAKE ASSY	C-20225509 SERIES	32-47-61	SAFRAN MESSIER-BUGATTI-DOWTY	3	A-319
13	BRAKE ASSY	C20534000 SERIES	32-41-65	SAFRAN MESSIER-BUGATTI-DOWTY	3	A-321
14	MAIN WHEEL	C20252100	32-47-33	SAFRAN MESSIER-BUGATTI-DOWTY	3	A-320 CLASSIC
15	BRAKE ASSY	C20251000 SERIES	32-47-34	SAFRAN MESSIER-BUGATTI-DOWTY	3	A-320 CLASSIC

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<u>RATING: C17 : PNEUMATICS</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
01	PRECOOLER HEAT EXCHANGER	11-851154	36-11-42	ABG SEMCA	2	

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<u>RATING: C18 : DE-ICER SYSTEM</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	ATR-72 WING AND STABILIZER DE-ICER BOOTS	32158 SERIES 32172 SERIES 32P172 SERIES 52SP172 SERIES	30-11-42	ZODIAC AEROSPACE	3	
2.	PW ENGINE DE-ICER BOOTS	31P158XX-X	30-21-64	ZODIAC AEROSPACE	3	
		31P172-27-1 31P172-32-1 31P172-33-1 31P172-35-1	30-21-65			

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<u>RATING: C20 : STRUCTURES</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	ATR-72 WING LE AND STABILIZER LE	S5517200000XXX S00410XXXXXXXXX S57410XXXXXXXXX S57412XXXXXXXXX S57415XXXXXXXXX R61004XXXXXXXX	55-12-00 57-43-11 57-43-12	ATR	3	REPAIR OF WING & STABILIZER LEADING EDGE
2.	PW ENGINE AIR INTAKE ASSEMBLY	S54112759XXXXX S5411265600XXX S5411267000XXX	71-61-61 71-62-62	ATR	3	REPAIR OF ENGINE AIR INTAKE ASSEMBLY

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4.7 ELECTRICAL OVERHAUL SHOP, HYDERABAD

<u>RATING : C1 : AIR COND. & PRESS</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	MIXED FLOW FAN	VD3810	21-21-12	AOA APPARATEBAU GAUTING GMBH	2	
2.	EXTRACTION FAN	VD3920	21-21-14	AOA APPARATEBAU GAUTING GMBH	2	
3.	RECIRCULATION FAN	VD3900 SERIES / VD3901-00	21-21-16	AOA APPARATEBAU GAUTING GMBH	2	
4.	AVIONICS FAN	EVT3454	21-26-42	TECHNO FAN	2	



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RATING : C5 ELECTRICAL POWER

S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	AIRCRAFT BATTERY	1658-6	24-31-20	SAFT	3	
2.	TR UNIT	Y005-2/3	24-32-52	ARTUS	2	
3.	TRANSFORMER RECTIFIER UNIT FITTED	Y192	24-32-53	TFE ELECTRONICS	2	
4.	BATTERY	2758	24-38-51	SAFT	3	
5.	AIRCRAFT BATTERY	2520	24-31-11	SAFT	3	
6.	MAIN BATTERY	40678-2	24-31-15	SAFT	3	
7.	MAIN BATTERY	4078-2	24-31-15	SAFT	3	
8.	EMERGENCY BATTERY	1656-6	24-31-19	SAFT	3	
9.	BATTERY	40178-24	24-32-05	SAFT	3	
10.	BATTERY	1756-3	24-32-06	SAFT	3	
11.	A/C BATTERY	416487	24-30-99	SAFT	3	Addition
12.	A/C BATTERY	416488	24-30-99	SAFT	3	Addition
13.	BATTERY	442CH1	24-36-02	SAFT	3	
14.	BATTERY	2726CH1	24-36-01	SAFT	3	


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<u>RATING : C6 : EQUIPMENT</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	BEVERAGE MAKER	3510-0030-01 4510-SERIES 64771-001-001	25-30-38 25-33-21 25-35-16	APC B/E AEROSPACE RUMBOLD	2	
2.	HIGH SPEED OVEN	DF-700 SERIES	25-32-70	INVENTAIR	2	
3.	CONVECTION OVEN	3G900-9999 SERIES	25-34-04	IPECO	2	

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<u>RATING : C18: PROTECTION ICE/RAIN</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS

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<u>RATING : C14 LANDING GEAR</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	BRAKE COOLING FAN	EVT-506 SERIES	32-48-18	TECHNO FAN	2	
2.	BRAKE TEMPERATURE MONITORING UNIT	35-1H6 SERIES	32-47-19	AEROSPATIALE	2	
3.	BRAKE TEMPERATURE MONITORING UNIT	35-1H5 SERIES	32-47-18	THALES	2	



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RATING : C5 : ELECTRICAL POWER

S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	BALLAST UNIT	3250-20-60	33-24-14	DIEHL	2	
2.	BALLAST UNIT	3250-70 3250-70-10 / 3250-20-10 / 3250-31 / 3250-81	33-24-15 33-24-17	DI EHL DI EHL	2	
3.	BALLAST UNIT	3250-30-80	33-24-16	DI EHL	2	
4.	POWER UNIT	8ES00523X SERIES	33-22-25	HELLA KG HUECK	2	
5.	ANNUNCIATOR LIGHT TEST BOARD	35-OF5-1000	33-14-32	AEROSPATIALE	2	
6.	A.I.B.U	4197-SERIES	33-24-18	DIEHL	2	
7.	FLIGHT CREW READING LIGHT	2LA005163 SERIES 2LA408353 SERIES	33-11-21 33-11-23	HELLA KG HUECK	2	
8.	TAXI LIGHT	4236564 & 8000282Y000	33-46-02	ECE-TELEFLEX SYNERAVIA	2	
9.	WING & ENGINE LIGHT	4383137 & 4383121	33-46-01	ECE-TELEFLEX SYNERAVIA	2	
10.	TAKE OFF LIGHT	4233488 & 8000283Y00	33-46-01	ECE-TELEFLEX SYNERAVIA	2	
11.	RETRACTABLE LANDING LIGHT	4315542 & 4331772	33-46-12	ECE-TELEFLEX SYNERAVIA	2	
12.	FLOOD LIGHT UNIT	2LA00554XSERIES	33-11-41 33-11-46 33-11-47	HELLA KG HUECK	2	



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RATING : C5 : ELECTRICAL POWER

S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
13.	RWY TURN OFF LIGHT	4236534/ 8000281Y00	33-43-03	ECE TELE FLEX	2	
14.	BATTERY FOR EPSU	3214-30/31	33-51-07/17	DEIEHL STIFTING &CO	2	
15.	UPPER/ LOWER FUSELAUGE ANTI COLLISION LIGHT	30-2505-3 30-2506-3	33-42-03/04	Honeywell Int. Inc. 550 State Route 55, Urbana, Ohio 43078-1948, Cage:72914	2	
16.	INTEGRATED LEADING EDGE POSITION AND ANTICOLLISION LIGHT	30-2620-XX	33-42-74	Honeywell Int. Inc. 550 State Route 55, Urbana, Ohio 43078-1948, Cage:72914	2	
17.	STROBE POWER SUPPLY	60-4983-XX	33-44-27	Honeywell Int. Inc. 550 State Route 55, Urbana, Ohio 43078-1948, Cage:72914	2	
18.	WINGTIP NAVIGATIONAL AND ANTI COLLISION LIGHT	30-2392-XX	33-42-05	GRIMES AEROSPACE CO.	2	
19.	BATTERY PACK	301-3017	33-51-22	COBHOM	2	
20.	EMERGENCY LIGHTING POWER SUPPLY MODULE	301-3XXX	33-51-22	COBHOM	2	
21.	BATTERY PACK EPSU	726-0591-01	33-50-07	SIREO PANEL	1	
22.	LANDING LIGHT	4213989,4292915, 4319586	33-49-22	ZODIAC AEROSPACE	2	
23.	WING ICING INSP. LT (LH & RH)	4213699,4285098, 4213705,4285104	33-49-21	TELEFLEX-SYNERAVIA	2	
24.	WING ICING INSP. LT (LH & RH)	4267828 & 4267812	33-49-27	TELEFLEX-SYNERAVIA	2	


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<u>RATING : C3 : NAVIGATION</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS


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<u>RATING : C6 : EQUIPMENT</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
01	TIMER ASSY	14302-211	38-34-04	MONOGRAM SANITATION	2	
02	MOTOR PUMP FILTER ASSY	14312-020-1 & -2	38-34-02	MONOGRAM SANITATION	2	

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<u>RATING : C7 : ENGINE</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
01	IGNITION LEAD	9045405 9043110-SERIES	74-21-43 74-21-15	UNISON INDUSTRIES	2	

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4.8 ELECTRICAL OVERHAUL SHOP, CHENNAI


RATING : C5 : ELECTRICAL POWER						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS

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4.9 INSTRUMENT OVERHAUL SHOP, HYDERABAD


<u>RATING : C1 : AIRCONDITIONING & PRESSURISATION</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	CABIN ALT.& DIFF. PR. INDICATOR	AW2835AB01	21-30-01	AMETEK	2	
2.	COMP.DIS.TEMP. SENSOR	763A0000-02 / 763A0000-03	21-52-18	LIEBHERR	1	
3.	DUCT TEMP SENSOR	764A0000-02/-03, 764B0000-01	21-52-22	LIEBHERR	1	
4.	ZONE TEMP. SENSOR	773A0000-01	21-63-04	LIEBHERR	1	
5.	DUCT OVHT. SENSOR	772A0000-01/-02	21-63-08	LIEBHERR	1	
6.	MIXER UNIT TEMP SENSOR	736A0000-01/-02	21-63-10	LIEBHERR	1	
7.	SKIN TEMP SENSOR	87232324V00	21-26-13	CROUZAT	1	
8.	TEMP SELECTOR	777A0000-01	21-63-12	LIEBHERR	1	
9.	FILTER	S4141	21-51-09	LIEBHERR	1	
10.	THERMAL SWITCH	784-717-2, 785-403	21-51-53	ZODIAC AEROSPACE	1	

	CAPABILITY LIST		AIESL CAP/03		
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<u>RATING : C12 : HYDRAULIC</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	HYD RESERVOIR QTY. INDICATOR	VT-477	29-30-05 29-30-06	VDO LUFT	1	

	CAPABILITY LIST		AIESL CAP/03		
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<u>RATING: C13 : INSTRUMENTS</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	DFDR (ULB)	N15F210-B DK100 / DK120	DUKANE MANUAL 03-TM-0034	DUKANE	1	
2.	SSFDR	2100-4043-02 2100-4045-00	31-20	L3 Communications	-	Read out of SSFDR downloads data from A319, A320, A321 and A330 aircraft


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<u>RATING: C14 : LANDING GEAR</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	TRIPLE PR.IND.	64882-206-1	32-44-21	THOMPSON /SEXTANT	1	


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RATING: C5 : ELECTRICAL POWER


S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	POWER UNIT	8ES00523X SERIES	33-22-25	HELLA KG HUECK	2	

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<u>RATING: C3 : NAVIGATION</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	STANDBY ALTIMETER	64141-580-1	34-21-22	THOMSON / SEXTANT	1	
2.	STANDBY AIRSPEED IND.	64050-866-1	34-10-02	SEXTANT	1	

	CAPABILITY LIST		AIESL CAP/03		
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<u>RATING : C15 : OXYGEN</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	PAX MAIN OXYGEN BOTTLE	801307-00	35-23-07	AVOX	3	
2.	CREW MAIN OXYGEN BOTTLE	801307-04	35-23-07	AVOX	3	
3.	PORTABLE OXYGEN BOTTLE	5500 SERIES / 5600 SERIES	35-32-18	AVOX	3	
4.	REGULATOR AND VALVE ASSY	5500 SERIES / 5600 SERIES	35-32-18	AVOX	3	
5.	VALVE ASSY	801308-31	35-23-07	AVOX	3	
6.	CREW OXYGEN BOTTLE	897940 SERIES	35-21-93	AVOX	3	
7.	CREW OXYGEN BOTTLE	891000 SERIES	35-28-91	AVOX	3	
8.	PORTABLE OXYGEN BOTTLE	9700 SERIES / 9800 SERIES	35-31-55	AVOX	3	
9.	BODY & GAUGE ASSY	803345-05	35-21-93	AVOX	3	
10.	OXYGEN PR.REGULATOR	801160-03 for 9700	35-31-55	AVOX	3	
11.	OXYGEN PR.REGULATOR	801160-04 for 9800	35-31-55	AVOX	3	
12.	DEMAND REGULATOR	801242-02 for 9800	35-31-55	AVOX	3	

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<u>RATING: C15 : OXYGEN</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
13.	CREW MAIN OXYGEN BOTTLE	891000 SERIES	35-28-91	AVOX	3	
14.	BODY AND GAUGE ASSEMBLY	801308-14	35-28-91	AVOX	3	
15.	PORTABLE OXYGEN CYLINDER ASSEMBLY	3552 SERIES	35-35-52	AVOX	3	
16.	OXYGEN PRESSURE REGULATOR	806379 SERIES	35-35-52	AVOX	3	
17.	DEMAND REGULATOR	6379-2 SERIES	35-32-18	AVOX	3	
18.	CREW OXYGENBOTTLE	176574 SERIES	35-10-76	B/E AEROSPACE	3	
19.	VALVE,SLOW OPENING OXYGEN	170570-08	35-10-76	B/E AEROSPACE	3	

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<u>RATING : C17 : PNEUMATIC</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	FILTER	CGO752503458N02	36-11-52 36-11-51 36-11-44	ABG-SEMCA	1	

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<u>RATING : C6 : EQUIPMENT</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	LIQUID LEVEL SENSOR	14403 Series	38-34-29	MONOGRAM SYSTEMS	1	
2.	LIQUID LEVEL TRANSMITTER	14403-003 Series	38-34-29	MONOGRAM SYSTEMS	2	

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<u>RATING : C7 : ENGINE - APU</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	OIL PRESSURE SWITCH	1156-100	79-34-61	IN-LHC	1	

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<u>RATING : C9 : FUEL - AIRFRAME</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	FUEL PRESSURE SWITCH	1153-XXX	28-21-76	IN-LHC	1	


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<u>RATING : C18 : PROTECTION – ICE/RAIN/FIRE</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	AIR PRESSURE SWITCH	1304-000	30-21-64	IN-LHC	1	

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4.10 RADIO OVERHAUL SHOP, HYDERABAD

<u>RATING : C3 : COMMUNICATIONS</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	BOOM SET	1046GT 2102	23-51-06	HOLMCO	2	
2.	BOOM SET	HME1410 CA-3	23-41-20	SENNHEISER ELECT.KG	2	
3.	HAND MIKE	85-16-11494-05	23-51-38	HALMCO	2	
4.	HAND SET	ST3100 & HC3100 SERIES	23-40-01	BECKER	2	
5.	HAND SET	89-01-07XXX	23-73-01	HOLMBENG-GMBH.CO	2	
6.	HF.ANTENNA COUPLER	490S-1	23-11-04	COLLINS/ROCKWELL INTERNATIONAL	2	
7.	SSCVR	FA2100 – 10XX – XX	23-70-04	L3 COMMUNICATIONS	1	
8.	EMERGENCY LOCATOR TRANSMITTER (C406-2)	453-5000 SERIES	570-5000	ARTEX AIRCRAFT SUPPLIES, INC	2	
9.	HEAD SET, MODEL NO ;AIRMAN 750	64300-100/200 SERIES	23-50-06	TELEX	2	

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RATING : C3 : COMMUNICATIONS

S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
10.	CVR HEAD SET	255 SP 162	AMM	EINO	2	
11.	HAND MIKE	M83P1801A	23-40-12	LEM	2	
12.	HEAD PHONE	95-06-XXXXX-06	23-51-07	HOLMCO	2	

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RATING : C6 : EQUIPMENT

S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	E.L.T (MODEL NO: ADT 406S)	01N65920()	25-60-11	ELTA	2	
2.	EMERGENCY LOCATOR TRANSMITTER TYPE AO6V2	95N6088	25-60-04	ELTA	2	
3.	ELECTRONIC MEGHAPHONE/VOICE	A12S/SA	AMM	FEDERAL SIGNAL	2	
4.	EMERGENCY LOCATOR TRASMITTER	ELT 110-406	570-1025	ARTEX AIRCRAFT SUPPLIES	2	
5.	EMERGENCY LOCATOR TRANSMITTER RESCU-99	607690-2 SERIES	25-60-5	GARRET	2	
6.	EMERGENCY LOCATOR TRANSMITTER RESCUE 406	1151324	25-60-10	HONEYWELL	2	
7.	MEGAPHONE	A-12-SA	AMM	FEDERAL SIGNAL CORPORATION	2	
8.	E.L.T(MODEL NO:ADT406S)	01N65920-XXX	25-60-11	ELTA	2	
9.	EMERGENCY LOCATOR TRANSMITTER RESCUE 406	1151324-1 SERIES	25-60-10	HONEYWELL	2	
10.	EMERGENCY LOCATOR TRANSMITTER RESCUE 406	1152892-1 SERIES	25-60-10	HONEYWELL	2	
11.	MEGAPHONE	EM1X SERIES	25-60-01	ACR ELECTRONICS	2	
12.	KANNAD ELT	S182X502-XX	25-63-01	KANNAD	2	
13.	ELT	01N65900	25-60-10	ELTA	2	

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RATING : C13 : INSTRUMENTS

S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	COCKPIT AMPLIFIER LOUD SPEAKER	35-OD5-1001/2/3	31-53-22	AEROSPATIALE	2	


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RATING :C5 : ELECTRICAL POWER

S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	POWER UNIT	8ES00523X SERIES	33-22-25	HELLA KG HUECK	2	
2.	BALLAST UNIT	3250-20 3250-20-10 3250-30 3250-70 3250-70-10 3250-80 3250-81 3250-60 3250-31	33-24-14 33-24-17 33-24-16 33-24-15 33-24-17 33-24-16 33-24-17 33-24-14 33-24-17	DIEHL DIEHL DIEHL DIEHL DIEHL DIEHL DIEHL DIEHL DIEHL	2 2	
3.	ADVANCED INTEGRATED BALLAST UNIT	4197 SERIES	33-24-18	DIEHL	2	


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<u>RATING : C3 : NAVIGATION</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	WAVE GUIDE SWITCH	7012265-901	34-40-23	HONEYWELL	1	

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RATING : C1 : AIRCONDITIONING AND PRESSURISATION


S/N	NOMENCLATURE	PART NUMBER	ATA / CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	CARGO VENTILLATION CONTROLLER	600615-00-5 SERIES	21-28-01	M/S NORD-MICRO	2	
2.	CARGO HEAT CONTROLLER	600611-00-60X	21-43-05	M/S NORD-MICRO	2	

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4.11 ADDITIONAL CAPABILITIES, HYDERABAD

CALIBRATION OF GAUGES

S/N	DESCRIPTION	APPLICATION
1	<u>Mechanical:</u> Calibration of gauges/measuring equipment & special tools as per work instruction derived from British Standards/OEMs. Calibration is done against Standards traceable to National Standards.	<ul style="list-style-type: none"> • External Micrometer • Internal/Stick micrometer • Micrometer Head • Depth Micrometer • Vernier Caliper • Height Gauges • Dial Test Indicator • Weighing Balance • Spring Balance • Torque Wrench • Pressure Gauges(Including for Oxygen System)
	<u>Calibration Standards Used:</u> Slip Gauges: 0-100mm/0-4 inches Length Bars: Length Bars various sizes Surface Plate: Granite; Grade AA Laboratory Dead-weight Tester: 0 to 8000 psi and 0 to 10000 psi Torque Wrench/Meter Tester: Up to 600 Ft. lbs.	

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S/N	DESCRIPTION	APPLICATION
2	<p><u>Electrical:</u></p> <p>Test & Calibration of Analog and Digital AC/DC Voltmeters & Ammeters, Ohm-meters, Frequency Counters as per work instruction derived from respective OEMs.</p> <p>Calibration is done on Master Calibrators which are traceable to National Standards.</p>	<p><u>Ranges of Calibration:</u></p> <ul style="list-style-type: none"> • DC Voltage up to 1100V • DC Current from 0 to 20A • AC Voltage up to 1100 V with O/P available from 10 Hz to 0.1 MHz • AC Current from 100Micro-Amp to 20.5 A with variable frequency limits 0.1 mA to 20 A • Resistance values from a Short Circuit to 1100 M Ohm • Frequency Range 0.5 Hz to 10 MHZ • Resistance Temperature Devices 0 to 100 KHZ
	<p><u>Calibration Standards Used:</u></p> <p>WAVETEK 9100 UNIVERSAL CALIBRATION SYSTEM, HP METER CALIBRATOR 6920B</p>	


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S/N	DESCRIPTION	APPLICATION
3	<p><u>Electrical:</u></p> <p>Test & Calibration of Analog and Digital Voltmeter and Ammeters, Ohm-Meters, Frequency Counters and Oscilloscopes as per work instruction derived from respective OEMs.</p>	<p><u>Equipment:</u></p> <p>Audio Output Meters, Co-axial Resistors (500w, 150w) Frequency Counters, Decade Resistance Box, Static Charge Meter, Digital Multi-Meter, Analog Multi-Meter, Panel AC Volt Meters, Panel AC/DC Frequency Meters, Audio Oscillators, Test Oscillator, RC Oscillator, Digital Storage Oscilloscope, Two Channel Colour Oscilloscope, Frequency Converter, RF Watt Meter, Signal Generator, Transistor Tester, Valve Tester, Electro Static Discharge Tester, CVR Beacon Tester, Dynamic IC Tester, VTVM, AC Voltmeter.</p>
	<p><u>Calibration Standards Used:</u></p> <p>Digital Volt-meter Model HP344D1A Frequency Counter Model HP5386A Spectrum Analyzer Model HP85902 Meter Calibration Model 6920B</p>	




AI ENGINEERING SERVICES LIMITED
CAPABILITY LIST

PART 5
JET ENGINE OVERHAUL COMPLEX,
NEW DELHI

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5.1 GENERAL DESCRIPTION – AT JEOC

CLASS	RATING	DETAILS	
ENGINES B1-TURBINE ENGINES		IAE V2500 A1 Engine P & W JT8D Engine CFM 56 -5B Engine	Overhaul & Maintenance Of these engines & Modular Sections.
			Q.E.C. Undress & Build-Up in accordance with Manufacturer's Manuals
			On wing Bore scope Inspection in accordance with current Powerplant & Airframe Manufacturer's manuals
			On wing Blade Replacement and blending in accordance with current Powerplant & Airframe Manufacturer's manuals
			On-wing Gearbox Replacement in accordance with current Powerplant & Airframe Manufacturer's manuals
		IAE V2500 A5 Engine	Bore scope Inspection in accordance with current Powerplant & Airframe Manufacturer's manuals
		CFM LEAP 1A Engine	Bore scope Inspection & Bore scope blending in accordance with current Powerplant & Airframe Manufacturer's manuals
COMPONENTS OTHER THAN COMPLETE ENGINE & APU	ENGINE COMPONENTS	IAE V2500 A1,P & W JT8D & CFM 56-5B Engine Components	As per the Section 1,2 & 3 of PART 5 of AIESL Capability List (CAP/3)
Specialized Services	D1 - NDT	<i>Eddy Current Inspection</i>	In accordance with MIL-HDBK-728/1 & Manufacturer's Maintenance manuals
		<i>Liquid Penetrant Inspection</i>	In accordance with MIL-HDBK-728/3 & Manufacturer's Maintenance manuals
		<i>Ultrasonic Inspection</i>	In accordance with MIL-HDBK-728/6 & Manufacturer's Maintenance manuals
		<i>Magnetic particle Inspection</i>	In accordance with MIL-HDBK-728/4A & Manufacturer's Maintenance manuals

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5.2 IAE V2500 A1 ENGINE

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	Manufacturer/ Vendor	Level of Maintenance	Remarks
1	Front Mount Tube Outer Race	5A6024	71-21-11	IAE	REPAIR	
2	Front Mount Tube Assembly	5A6025	71-21-11	IAE	REPAIR	
3	No.2 & 10 Struts Thrust Mount Brackets.	5A8695, 5A0390, 5A1422 & 5A8696, 5A0391, 5A1423	71-21-11	IAE	REPAIR	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	Fan Frame Assembly	All applicable PNs pre SB 72-0150 std.	72-00-32	IAE	REPAIR	
2	LPT Front Lock Nut	5A0378	72-00-50	IAE	REPAIR	
3	Annulus Filler Assembly.	5A6533, 5A0353, 5A1638, 5A1854	72-31-11	IAE	REPAIR	
4	LPC Fan Blade Assembly	6A4700, 6A5485, 6A6519, 6A6521, 6A7403, 6A7613, 6A7614, 6A7651, 6A7652, 6A7653, 6A7654, 6A7655, 6A7656, 6A7658	72-31-11	IAE	REPAIR	
5	Rear Blade Retaining Ring.	5A0211	72-31-12	IAE	REPAIR	
6	Stage 1 Fan Disk	5A0269, 5A0337, 5A1757	72-31-12	IAE	REPAIR	
7	LPC(Fan) front Blade Retaining Ring	5A6079	72-31-13	IAE	REPAIR	
8	LPC/Int case Module Bracket Assembly	All applicable PNs of Bracket Assy	72-32-00	IAE	REPAIR	
9	NO. 6 Strut Fairing Panel	5A2184, 5A0352	72-32-03	IAE	REPAIR	
10	Internal Gearbox driven Gear Assembly Cup Washer	5A0742, 5A0743	72-32-16	IAE	REPAIR	
11	No. 3 Bearing Housing	2A2204	72-32-21	IAE	REPAIR	
12	No. 3 Bearing Seal Support Assembly	2A0421	72-32-22	IAE	REPAIR	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
13	HPC Rear Seal Ring carrier	6A3902	72-32-23	IAE	REPAIR	
14	No. 3 Bearing Nut	5A1000	72-32-26	IAE	REPAIR	
15	No. 1 Bearing Support	5W2328	72-32-41	IAE	REPAIR	
16	No. 1 Bearing Rotor Center Shaft	5R7016	72-32-51	IAE	REPAIR	
17	NF Phonic Wheel assembly	5A0102	72-32-51	IAE	REPAIR	
18	No.1 Bearing Plain Round nut	5R0370	72-32-54	IAE	REPAIR	
19	No. Bearing Front Aseal support	5W2050	72-32-55	IAE	REPAIR	
20	No.1 Bearing Compartment(Front Bearing Compartment)Front Seal	5R6131	72-32-56	IAE	REPAIR	
21	Link Arm Assembly	5A3688	72-32-71	IAE	REPAIR	
22	LPC Bleed Valve support Ring	5A3703	72-32-71	IAE	REPAIR	
23	LPC Booster Stage Bleed Valve	5A3705	72-32-72	IAE	REPAIR	
24	Synchronize Ring	5A3724	72-32-73	IAE	REPAIR	
25	Right and Left Rod Assembly	5A3721,5A3717	72-32-75	IAE	REPAIR	
26	LPC Stage 2.5 Stator vanes	5R6088	72-32-76	IAE	REPAIR	
27	LOC Stage 1.5-2.5 Disk assembly	5R7021	72-32-81	IAE	REPAIR	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
28	LPC Front Case Assembly	5A0961(ALT.5A1814)	72-32-83	IAE	REPAIR	
29	LPC Rear Case assembly	5W2055	72-32-83	IAE	REPAIR	
30	Fan Case Assembly	5W0072,5W0124	72-32-85	IAE	REPAIR	
31	LPC(Fan)Outlet Guide Vanes	5A0041,5A0037,5A1363	72-32-88	IAE	REPAIR	
32	Fan Case Acoustic Lining	5R0012	72-32-89	IAE	REPAIR	
33	Internal Thread Bearing Retaining Nut	2A0145,2A2247	72-40-00	IAE	REPAIR	
34	HPC Rear shaft Assembly	6A3807,6A3974,6A3997,6A4150	72-41-13	IAE	REPAIR	
35	HPC Stage 7 Front Heatshield	6A3022	72-41-21	IAE	REPAIR	
36	HPC Front Support Cone Stiffening Ring	6A2850	72-41-21	IAE	REPAIR	
37	HPC Stage 7 Case	6A3500	72-41-21	IAE	REPAIR	
38	HPC Stage 8 Case	6A3387	72-41-21	IAE	REPAIR	
39	HPC Stage 9 Rotor Path Ring	6A3653	72-41-21	IAE	REPAIR	
40	HPC Stage 9 Case	6A4311	72-41-21	IAE	REPAIR	
41	HPC Stage 7 Rear Heat shield Retainer Assembly	6A3028,6A3993	72-41-21	IAE	REPAIR	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
42	HPC Stage 8 Heatshield assembly	6A3030,6A3978	72-41-21	IAE	REPAIR	
43	HPC Stage 9 Front Heatshield Retainer Assembly	6A3029	72-41-21	IAE	REPAIR	
44	HPC Stage 10 Rotor Ring Path	6A3654	72-41-21	IAE	REPAIR	
45	HPC Stage 10 Case	6A5436	72-41-21	IAE	REPAIR	
46	HPC Stage 10 Heatshield Retainer Assembly	6A3029	72-41-21	IAE	REPAIR	
47	HPC Stage 11 Heatshield Assembly	6A3029, 6A3979	72-41-21	IAE	REPAIR	
48	HPC Stage 11 Rotor Ring Path	6A3655	72-41-21	IAE	REPAIR	
49	HPC Stage 11 Case	6A3390	72-41-21	IAE	REPAIR	
50	HPC Stage 12 Rotor Path Ring	6A3656	72-41-21	IAE	REPAIR	
51	HPC Rear Outer Case	6A2949,6A3557,6A5495,6A5682,6A8162	72-41-23	IAE	REPAIR	
52	HPC Front Case Assembly	6A3462,6A5470	72-41-31	IAE	REPAIR	
53	HPC Blank	6A1069	72-41-31	IAE	REPAIR	
54	HPC Stage 3 Borescope Blank	6A2330	72-41-31	IAE	REPAIR	
55	HPC Stage 5 Borescope Blank	6A3119,6A3852,6A6477,6A7422	72-41-31	IAE	REPAIR	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
56	HPC Stage 3 Rotor Path Ring	6A3758	72-41-31	IAE	REPAIR	
57	HPC Stage 4 Rotor Path Ring	6A3531	72-41-31	IAE	REPAIR	
58	HPC Stage 5 Rotor Path Ring	6A3025,6A3976	72-41-31	IAE	REPAIR	
59	HPC Stage 3 Variable Vane Actuating Ring	Upper-6A3539,6A3753,6A3982, 6A7588 and Lower- 6A3541,6A3987,6A7590	72-41-34	IAE	REPAIR	
60	HPC Stage 4 Variable Vane Actuating Ring	6A3543	72-41-34	IAE	REPAIR	
61	HPC Stage 5 Variable Vane Actuating Ring	6A3547	72-41-34	IAE	REPAIR	
62	HPC Stage 6 Variable Vane Actuating Ring	6A3551	72-41-34	IAE	REPAIR	
63	Diffuser Case Assembly	2A2883-01,2A2896-01	72-42-11	IAE	REPAIR	
64	No.4 Bearing Support Assembly	2A0846,2A2064,2A2461	72-42-31	IAE	REPAIR	
65	No.4 Bearing Seal Support Assembly	2A0851,2A3537,2A3845	72-42-33	IAE	REPAIR	
66	No. 4 Bearing Front Cooling duct	2A0892-01, 2A0892-001,2A2257-01, 2A3810-01	72-42-35	IAE	REPAIR	
67	HPC Stage 12 Outer Guide Vane Case Assembly	6A3332	72-42-40	IAE	REPAIR	
68	HPC Static Air Seal	6A3306,6A3932,6A4806	72-42-50	IAE	REPAIR	



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69	Combustion Chamber Outer Liner	All applicable pNs	72-42-61	IAE	REPAIR	
70	Combustion Chamber Retaining Bolts	2A0403	72-42-62	IAE	REPAIR	
71	No. 4 Bearing Rear Seal assembly	2A0847,2A3543	72-43-20	IAE	REPAIR	
72	No. 4 Bearing Rear Cooling Duct	2A0891-01, 2A0891-001, 2A1205-01, 2A1205-001, 2A3078-01, 2A3808-01	72-43-30	IAE	REPAIR	
73	HPT Stage 1 Support assembly	2A3360	72-44-10	IAE	REPAIR	
74	Combustion chamber Inner Liner	All applicable PNs	72-44-30	IAE	REPAIR	
75	HPT Stage 1 Cooling(TOBI) Duct Assembly	2A3329-01	72-44-50	IAE	REPAIR	
76	HPT Stage 1 Cooling Duct Defector	2A0086	72-44-50	IAE	REPAIR	
77	HPT Stage 1 Inner Air Seal	2A3109	72-45-13	IAE	REPAIR	
78	HPT Case assembly	2A1600	72-45-21	IAE	REPAIR	
79	HPT Stage 2 Duct Support	2A0189,2A2270,2A3407	72-45-26	IAE	REPAIR	
79	HPT Stage 2 Support Assembly	2A1360	72-45-27	IAE	REPAIR	
80	HPT Stage 2 Blade Retaining Plate	2A0160,2A1813	72-45-33	IAE	REPAIR	
81	LPT Case Assembly	3A0990,3A0991,3A2265,3A2533	72-50-21	IAE	REPAIR	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
82	LPT Inner Diffuser Support Assembly	3A0104,3A1564	72-50-24	IAE	REPAIR	
83	LPT Outer Diffuser Support Assembly	3A0084	72-50-25	IAE	REPAIR	
84	LPT Stage 7 Airseal	3A0797	72-50-33	IAE	REPAIR	
85	LPT Stage 6 Airseal	3A1988	72-50-33	IAE	REPAIR	
86	LPT Stage 5 Airseal	3A0793	72-50-33	IAE	REPAIR	
87	LPT Stage 3 Airseal	3A0963	72-50-33	IAE	REPAIR	
88	LP Turbine Shaft	5A6147,5A0149,5A0892	72-50-41	IAE	REPAIR	
89	No. 5 Bearing Oil Jet assembly	4A8009	72-50-51	IAE	REPAIR	
90	Turbine Exhaust case	4A8025	72-50-53	IAE	REPAIR	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	LPT Upper Cooling Duct Assembly	3A0678,3A1501,3A1662,3A2658	75-24-49	IAE	REPAIR	
2	LPT Lower Cooling Duct Assembly	3A0698,3A1666,3A2657,3A2659	75-24-49	IAE	REPAIR	
3	ACC Valve Housing/ ACC Spherical joint	2A1412	75-24-51	IAE	REPAIR	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	Scavenge Oil Filter Housing assembly Cover	4P7216	79-22-43	IAE	REPAIR	

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5.3 P & W JT8D -9A & -17A ENGINE

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	Fan Inlet case	5003536-01(for -17A)	72-23-01	P & W	REPAIR	
2	No.1 Bearing Housing.	802464	72-23-02	P & W	REPAIR	
3	No. 1 Bearing Support	808240	72-23-03	P & W	REPAIR	
4	No. 1 Bearing Retaining Plate	ALL applicable PNs	72-23-15	P & W	REPAIR	
5	No. 1 Bearing Outer Race Retaining Nut	633736	72-23-18	P & W	REPAIR	
6	No. 1 Bearing Inner Race Retaining Nut	503925	72-23-81	P & W	REPAIR	
7	Compressor Blades - 1st Stage	805431, 792301-001	72-33-21	P & W	REPAIR	
8	Compressor Blades - 2nd Stage	805202	72-33-23	P & W	REPAIR	
9	Compressor Blades - 3rd Stage	810503	72-33-24	P & W	REPAIR	
10	Compressor Blades - 4th Stage	812304	72-33-25	P & W	REPAIR	
11	Compressor Blades - 5th Stage	756505, 810205	72-33-26	P & W	REPAIR	
12	Compressor Blades - 6th Stage	751606, 810106	72-33-27	P & W	REPAIR	
13	Compressor Blade Washers- 2nd stage	804299	72-33-29	P & W	REPAIR	
14	Compressor Disk - 2nd stage	807502, 822102	72-33-33	P & W	REPAIR	



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15	Compressor Disk - 3rd stage	799773	72-33-34	P & W	REPAIR	
16	Compressor Disk - 4th stage	762604, 789553	72-33-35	P & W	REPAIR	
17	Compressor Disk - 5th stage	745705	72-33-36	P & W	REPAIR	
18	Compressor Disk - 6th stage	745706	72-33-37	P & W	REPAIR	
19	Front Compressor Rotor Spacer- 1st to 2nd Stage	762137	72-33-41	P & W	REPAIR	
20	Front Compressor Rotor Spacer- 3rd to 4th Stage	801138	72-33-43	P & W	REPAIR	
21	Front Compressor Rotor Spacer- 4th to 5th Stage	789749	72-33-44	P & W	REPAIR	
22	Front Compressor Rotor Spacer- 5th to 6th Stage	656818, 656820	72-33-45	P & W	REPAIR	
23	Compressor Stator - 1st Stage	706891, 786481(for -9A), 5005951-01(for -17A)	72-33-51	P & W	REPAIR	
24	Compressor Stator - 2nd Stage	579672(for -9A), 794982(for -17A)	72-33-53	P & W	REPAIR	
25	Compressor Stator - 3rd Stage	590373, 690623	72-33-54	P & W	REPAIR	
26	Front Fan Case Assembly	734661	72-33-66	P & W	REPAIR	



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27	Fan Case and Liner Assembly	851086	72-33-68	P & W	REPAIR	
28	Turbine Shaft Coupling	670867	72-33-81	P & W	REPAIR	
29	Turbine Shaft Coupling Lock.	493432	72-33-82	P & W	REPAIR	
30	Fan Exit Case	589470	72-33-83	P & W	REPAIR	
31	Compressor Intermediate Case	781839	72-34-01	P & W	REPAIR	
32	Bleed Valve Fairing	756407	72-34-01	P & W	REPAIR	
33	Fan Compressor Fan Outer Duct	765152	72-34-07	P & W	REPAIR	
34	Fan Discharge Rear Compressor Outer Duct	540995	72-34-08	P & W	REPAIR	
35	Gearbox Drive Bearing Housing	675546	72-34-10	P & W	REPAIR	
36	No.2 Bearing Housing	804655	72-34-12	P & W	REPAIR	
37	Gearbox Drive Bevel Gear	804060(for -9A), 795072(for -17A)	72-34-31	P & W	REPAIR	
38	No.3 Bearing Housing	777856	72-34-32	P & W	REPAIR	
39	No.3 Bearing Outer Race Retaining Nut	768498	72-34-34	P & W	REPAIR	
40	No.3 Bearing Inner Race Retaining Nut	795073	72-34-37	P & W	REPAIR	
41	No.3 Bearing Seal Ring	616243	72-34-39	P & W	REPAIR	



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42	Front Air Bleed Manifold	545717	72-34-43	P & W	REPAIR	
43	No.2 Bearing Inner Race Retaining Nut	454514	72-34-84	P & W	REPAIR	
44	Rear Compressor Rotor Spacer, Stage 7 to 8	5004307-039	72-36-11	P & W	REPAIR	
45	Rear Compressor Rotor Spacer, Stage 8 to 9	690791	72-36-12	P & W	REPAIR	
46	Rear Compressor Rotor Spacer, Stage 9 to 10	821958	72-36-13	P & W	REPAIR	
47	Rear Compressor Rotor Spacer, Stage10 to 11	821947	72-36-14	P & W	REPAIR	
48	Rear Compressor Rotor Spacer, Stage 11 to 12	821924	72-36-15	P & W	REPAIR	
49	Rear Compressor Rotor Spacer, Stage 12 to 13	773173	72-36-16	P & W	REPAIR	
50	Rear Compressor Rear Hub	804653	72-36-18	P & W	REPAIR	
51	Rear Compressor Rotor Tube	521040, 719837	72-36-19	P & W	REPAIR	
52	Diffuser Case	793946-006(for -9A), 793946-005(for -17A)	72-36-19	P & W	REPAIR	
53	Compressor Stator Exit Assembly	5000073-21	72-37-02	P & W	REPAIR	
54	Seal Ring-13th Stage	788732(for -9A), 698927(for -17A)	72-37-05	P & W	REPAIR	
55	No. 4 Bearing Housing	783938-002(for -9A), 5006586-021(for -17A)	72-37-07	P & W	REPAIR	



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56	No. 4 Bearing	All applicable PNs for -9A & -17 A	72-37-83	P & W	REPAIR	
57	No. 4 Bearing Inner Race Retaining Nut	453779	72-37-84	P & W	REPAIR	
58	No. 4 Bearing Outer Race Retaining Nut	318178	72-37-85	P & W	REPAIR	
59	No. 3 Bearing Oil baffle Set	805169	72-37-86	P & W	REPAIR	
60	Diffuser Fan Outer Duct	616288(for -9A & 17A), 716117(for -9A), 634607(for -17A)	72-38-01	P & W	REPAIR	
61	Combustion Chamber Outer Case	808125	72-41-11	P & W	REPAIR	
62	Combustion Chamber Guides	801772	72-41-15	P & W	REPAIR	
63	No. 5 Bearing Damper	711224	72-41-21	P & W	REPAIR	
64	Turbine Front Gang Angle Nut Assembly	708473, 708474, 706592	72-41-80	P & W	REPAIR	
65	1st stage Turbine Stator Support Assembly	5004049-019 for -17A)	72-51-01	P & W	REPAIR	
66	Turbine Cooling Air (TOBI) Duct	791838, 798330	72-51-10	P & W	REPAIR	
67	Combustion Chamber Rear Support	746059(for -9A) 735884(for -17A)	72-51-21	P & W	REPAIR	
68	Combustion Chamber Outer Outlet Duct	674764	72-51-23	P & W	REPAIR	



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69	Turbine Disk - 1st Stage.	5003601-021	72-52-02	P & W	REPAIR	
70	Turbine Disk Retaining Nuts.	492746	72-52-06	P & W	REPAIR	
71	No.5 Bearing Labyrinth Air Seal.	All applicable PNs of - 9A & -17A	72-52-10	P & W	REPAIR	
72	No.5 Bearing Seal & support assembly	811935	72-52-11	P & W	REPAIR	
73	Turbine disk- 4th stage	629404	72-53-15	P & W	REPAIR	
74	Turbine disk- 2nd stage	539002	72-53-16	P & W	REPAIR	
75	Turbine disk- 3rd stage	618703(for -9A) 5003104-01(for -17A)	72-53-17	P & W	REPAIR	
76	Turbine Airseal - 4th stage	5002949-01(for -17A)	72-53-28	P & W	REPAIR	
77	No.4 1/2 & 6 Bearing Shiled & Tube Assembly	803617	72-53-30	P & W	REPAIR	
78	Turbine Rear case	804211-001(for -9A) 804212-001(-17A)	72-53-51	P & W	REPAIR	
79	Turbine Rotor Outer Air Seal Ring	806593	72-53-52	P & W	REPAIR	
80	Stage 3 Shroud Ring Assembly	5003531-01(for -17A)	72-53-57	P & W	REPAIR	
81	Turbine Exhaust Duct & Fairing Assembly	All applicable PNs of - 9A & -17A	72-54-02	P & W	REPAIR	
82	Fan Exhaust Inner Rear Duct segment	553598(for -17A) 553599(for -17A)	72-54-11	P & W	REPAIR	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
83	No. 6 Bearing Housing assembly	740694(for -9A) 636445, 792223(for -17A)	72-54-17	P & W	REPAIR	
84	No.6 Bearing Inner Pressure Tube	761392(for -17A)	72-54-21	P & W	REPAIR	
85	Fan Exhaust Outer Duct	634608	72-54-30	P & W	REPAIR	
86	Turbine(Rear) Gang Angle Nut/ Bracket	811630-01(for -17A) 811632-01(for -17A)	72-54-80	P & W	REPAIR	
87	Fan Exhaust Inner Duct Segment	811626-01	72-54-81	P & W	REPAIR	
88	Gearbox Rear Housing Assembly	807350-002	72-61-01	P & W	REPAIR	
89	Gearbox Front Housing Assembly	478757, 778857, 811086	72-61-02	P & W	REPAIR	
90	Combustion Chamber fan duct Assembly	616313(-9A), 616318(for -17A)	72-71-03	P & W	REPAIR	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	Compressor Bleed Valve	634996,754318	75-32-01	P & W	REPAIR	

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			PART 5		SECTION 5.4
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5.4 CFM 56-5B ENGINE

S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/ VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	FWD ENGINE MOUNT	642-2000-25	71-21-08	GOOD RICH	3	
2	AFT ENGINE MOUNT	642-2300-3	71-22-07	GOOD RICH	3	

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S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER/VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	FAN MODULE SPACERS	338-006-102-0	72-21-10	CFM	3	
2	FAN ROTOR BLADE ASSEMBLY	338-002-104-0	72-21-01	CFM	3	

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5.5 ADDITIONAL CAPABILITIES

CHEMICAL CLEANING

The Chemical Cleaning Section of the JEOC has the capability to carry out the following SPOP's /Task's on the P&W JT8D-9A/-17A and IAE V2500-A1 Engine parts, as given in their respective Standard Practices Manual.

<u>P&W JT8D Engine</u>	
• SPOP 001	Cleaning of the Exterior of the Engine.
• SPOP 005	Application of corrosion inhibitors.
• SPOP 018	One step alkaline rust remover procedure for cleaning titanium parts only.
• SPOP 201	Removal of carbon from fuel and tubes (Bake Method).
• SPOP 203	One step alkaline rust remover long soak.
• SPOP 208	Degreasing of parts by solvent wiping.
• SPOP 209	Degreasing of parts by aqueous cleaning.
• SPOP 211	Four step alkaline rust remover and acidic de scaling (with inhibited phosphoric acid).
• SPOP 212	Cleaning of titanium parts prior to stress-relief.
• SPOP 213	Four step alkaline rust remover and acidic de scaling(without inhibited phosphoric acid).
• SPOP 254	Removal of RTV silicon rubber compound from parts.
• SPOP 258	Removal of PWA-110 coating from silver brazed and non-silver brazed parts.
• SPOP 260	Removal of paint /varnish from Al, Mg, Steel, Ni and Cobalt alloy parts.

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<u>IAE V2500-A1 Engine</u>	
• 70-11-03-300-503	Aqueous degreasing - Mild cleaning of components (All metals).
• 70-11-04-300-503	Removal of silicon rubber.
• 70-11-05-300-503	Paint stripping (Inorganic procedure).
• 70-11-06-300-503	One-step alkaline rust remover cleaning for titanium parts.
• 70-11-11-300-503	De scaling components.
• 70-11-13-300-503	Long soak cleaning.
• 70-11-16-300-503	Remove heavy duty scale.
• 70-11-26-300-503	Solvent cleaning.
• 70-11-29-300-503	Removal of anti-galling / anti- seize compound.
• 70-11-50-300-503	Degrease Engine Exterior.
• Cleaning /Flushing of No.4 Bearing Compartment Air Cooler (ACAC) per Marston Palmer Ltd. CMM P/N D1876-1000A, Chapter 75-22-41.	

CHEMICAL LABORATORY

	CAPABILITY LIST		AIESL CAP/03		
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The Chemical Laboratory of the JEOC has the facility for testing and analysis of all the chemical solutions used in various processes in the Electroplating, Chemical Cleaning and Bearing Section as per the requirements P&W JT8D-9A/-17A and IAE V2500-A1 Engine Standard Practices Manuals.

The lab is also equipped with the following specialized equipment's:

- Corrosion Test Cabinet for environment test.
- Electro-analyser for the rate of plating.
- Spiral Contractometer for the Stress Test.
-

THE FOLLOWING ARE THE TEST AND ANALYSIS CARRIED OUT FOR THE VARIOUS SHOPS :

I. Electroplating Shop.

- Silver plating solutions (strike and plating).
- Nickel plating solutions (strike and plating).
- Cadmium plating solution.
- Chromium plating solution.
- Stripping solutions (silver, nickel and cadmium).
- Electrolytic clean solution.
- Acid dip solution.
- Etching solution.
- Cadmium bright dip solution.
- Soak clean solution.

II. Chemical Cleaning Shop.

- Panel test for Alkaline Rust Remover Solution.
- Panel test for Acidic Scale Conditioner Solution.
- Panel test for Alkaline Permanganate Solution.
- Panel test for Inhibited Phosphoric Acid Solution

III. Bearing Room.

- Alkaline Rust Remover Solution.

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HEAT TREATMENT

JEOC has the capability to carry out the Heat Treatment of the P&W JT8D-9A/-17A and IAE V2500-A1 Engine parts.

The systems available are the Infra-red Heat System for heat treating parts with small localized cracks and the Infra-red Heat System with Electric Furnace.

The parts can be heat treated to the maximum temperature up to 1100°C.

LAP REPAIR OF CARBON SEALS

JEOC has the capability to carry out the lap repair of all the carbon seals of the Main Line Bearings of both the P&W JT8D-9A/-17A and IAE V2500-A1 Engine (Except No.1 Bearing Carbon Seal of IAE V2500-A1 Engine).

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MECHANICAL CLEANING/MEDIA BLASTING

The Mechanical Cleaning Section of the JEOC has the capability to carry out the following Mechanical Cleaning Techniques on the P&W JT8D-9A/-17A and IAE V2500-A1 Engine parts, as given in their respective Standard Practices Manuals.

<u>P&W JT8D Engine</u>	
SPOP 8	Dry shell blasting.
SPOP 9, 218	Wet abrasive grit blast cleaning.
SPOP 10, 219	Dry abrasive grit blast cleaning.
SPOP 19	Dry plastic blast cleaning.
SPOP 170	Surface preparation for plasma / thermal spray coating.
SPOP 182, 186	Vibratory finishing processes.
SPOP 500, 501	Shot peening and glass bead peening.
<u>IAE V2500-A1 Engine</u>	
TASK 70-12-07-120-501	Dry plastic blast cleaning.

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PLASMA SPRAY

The Plasma Spray Section (Plasma Cell) has the capability to carry out the plasma repair of P&W JT8D and IAE V2500-A1 Engine as per the approved procedures given in their respective Engine Manuals, Standard Practices Manuals and Processes & Consumable Index Manual.

1. <u>The Plasma Spray Section has the following units for carrying out the plasma repair :</u>
<ul style="list-style-type: none"> • High Energy Plasma Spray Powder Spray Unit up to 80 kW. Machines used for this purpose is Sulzer Metco 9MC plasma control unit with 4 MP dual powder feeder and 9MB plasma spray powder spray gun.
<ul style="list-style-type: none"> • Powder Flame Spray Unit using Sulzer Metco flame spray gun type 6 PII.
<ul style="list-style-type: none"> • Wire Flame Spray Unit using Sulzer Metco flame spray gun type 14 HE.
2. A de-mineralized water plant provides process of conductivity below one micro siemens per cm.
3. An Effluent Treatment Plant exists for the treatment of the chemical waste before it is disposed off.

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4. The following are the list of Metco Powders and equivalents used :

S/N	METCO NO.	MATERIAL TYPE	PWA NO.	COMAT NO.
1.	71 VFNS	Tungsten Carbide Cobalt Alloy	1301	-
2.	71 NS	Tungsten Carbide Cobalt Alloy (Pdr.)	1302	03-065
3.	81 VFNS	Chromium Carbide-Nickel Chromium	1305	03-066
4.	81 NS	75% Chromium carbide 25% nickel Cr.	1307	03-051, 052
5.	45 VFNS	Very fine Cobalt base Cr, Ni, W Alloy	1316	03-078
6.	45 CNS	Cobalt Alloy Powder, Cr, Ni, W Alloy	1318	03-053
7.	43 CNS	Nickel chromium Alloy Powder	1315	03-077
8.	63 NS	Molybdenum Powder	1313	03-074
9.	52 CNS	12% Silicon Aluminium Powder	1335	03-085
10.	404 NS	Nickel Aluminide Powder	1321	03-037
11.	450 NS	Nickel Aluminium Composit Powder	1337	03-038, 089
12.	210 NS-1	Magnesium Zirconate Powder	1333	03-084
13.	303 NS-1	Mg. Zirconate-Ni.Cr. Alloy Powder	1346	03-093
14.	443 NS	Nickel Chromium/ Aluminium Composite	1347	03-096
15.	43 FNS	Nickel Chromium Alloy Powder	1317	03-079
16.	71 VFNS-1	Tungsten Carbide-12% Cobalt Alloy	1301	03-064
17.	307 NS	Nickel Graphite	-	03-097
18.	307 NS -2	Nickel Graphite	-	03-047

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ELECTROPLATING

JEOC has the capability to carry out the following type of plating on the P&W JT8D-9A/-17A and IAE V2500-A1 Engine Parts as per the approved procedures given in their respective Engine Manuals and Standard Practices Manuals.

<u>P&W JT8D Engine</u>	
• SPOP 23, 24	Silver Plating.
• SPOP 26, 29	Nickel Plating.
• SPOP 21	Cadmium Plating.
• SPOP 22	Chromium Plating.
<u>IAE V2500-A1 Engine</u>	
• TASK 70-33-16-300-503	Silver Plating.
• TASK 70-33-05-300-503 and 70-33-06-300-503	Nickel Plating.
• TASK 70-33-01-300-503 and 70-33-02-300-503	Chromium Plating.

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	JEOC		Issue-2	Rev-0	01 DEC 2020

NDT - LPI

The NDT Section of the JEOC has the capability to carry out the following SPOP's /Task's w.r.t. Liquid Penetrant Inspection on the P&W JT8D-9A/-17A and IAE V2500-A1 Engine parts, as given in their respective Standard Practices Manual.

<u>P&W JT8D Engine</u>	
• SPOP 62	Normal sensitivity F.P.I.
• SPOP 70	Normal, High, Ultra High Sensitivity F.P.I.(Spot F.P.I.)
• SPOP 82	High Sensitivity F.P.I.
• SPOP 84	Ultra High Sensitivity F.P.I.
<u>V2500 A1 Engine</u>	
• 70-23-01	Medium Sensitivity F.P.I.
• 70-23-02	Medium Sensitivity F.P.I.(water washable)
• 70-23-03	High Sensitivity F.P.I.
• 70-23-04	Ultra High Sensitivity F.P.I.
• 70-23-05	Local F.P.I.-Normal, High, Ultra High Sensitivity F.P.I.
• 70-23-08	Local F.P.I.-Normal, High, Ultra High Sensitivity F.P.I.(water washable)

Except 70-23-02 & 70-23-08 all other are Emulsifier Washable Processes.

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NDT- FMPI

The NDT Section of the JEOC has the capability to carry out the following SPOP's /Task's w.r.t. Fluorescent Magnetic Particle Inspection on the P&W JT8D-9A/-17A and IAE V2500-A1 Engine parts, as given in their respective Standard Practices Manual.

<u>P&W JT8D Engine</u>	
• SPOP -101	ROD
• SPOP -102	ROD – SOLENOID
• SPOP -103	ROD/OD CONTACT
• SPOP - 105	END CONTACT
• SPOP - 106	END CONTACT & SOLENOID
• SPOP - 107	SOLENOID
• SPOP - 108	SHAFT
• SPOP - 112	DISK
• SPOP - 115	ROD OR INDUCTION (FIXTURE OR CABLE)
• SPOP - 117	CASES (CCOC)
<u>V2500 A1 Engine</u>	
• 70-24-01	FMPI

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	JEOC		Issue-2	Rev-0	01 DEC 2020

WELDING

JEOC has the capability to carry out welding on both the P&W JT8D-9A/-17A and IAE V2500-A1 Engine as per the following description:


TIG	Aluminum Alloys Corrosion & Heat Resistant Steel Nickel alloys/ INCONEL/ NIMONIC Titanium Alloys
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AIESL CAP/03



AI ENGINEERING SERVICES LIMITED
CAPABILITY LIST

PART 6
APU CENTER, KOLKATA

	CAPABILITY LIST		AIESL CAP/03		
			PART 6		SECTION 6.1
	APU CENTRE		Issue-2	Rev-3	31 MAR 2022


6.1 GENERAL DESCRIPTION OF APU CENTRE CAPABILITY

CLASS	RATING	DETAILS	
ENGINES	B1-TURBINE ENGINE	CFM 56-5B Engine	On wing Borescope Inspection in accordance with current Power plant & Aircraft Manufacturer's manuals
	B3-APU	Honeywell GTCP 36-300 Series	Overhaul, maintenance, repair, modification, replacement and testing of these APUs and Modular sections
		Honeywell 131-9A	Disassembly, Inspection, Assembly and Testing of APU and cooling fan assembly including testing.
COMPONENTS OTHER THAN COMPLETE ENGINE & APU	APU Accessories, IDG and Fuel & Oil Components	IAE V2500, CF6, CFM 56-5B and APU Accessories	Overhaul, maintenance, repair, modification, replacement and testing of APU Accessories, IDG and Fuel & Oil components of Engines fitted on A320 family Aircraft as per Part 6 of AIESL Capability List (CAP/3)
SPECIALIZED SERVICES	D1-NDT	Magnetic Particles Inspection	In accordance with AAC 02 of 2017
		Fluorescents Penetrant Inspection	
	D1-b) Special Processes	TIG Welding	As per AAC 02 of 2017.


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	APU CENTRE		Issue-2	Rev-0	01 DEC 2020

6.2 APU AND ITS ACCESSORIES, CSD/IDG AND FUEL & OIL


<u>RATING: C5 : ELECTRICAL POWER</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	IDG	766219 / 740119	24-11-79	HAMILTON SUNDSTRAND	3	
2	IDG	1706903 / 1708897	24-11-88	HAMILTON SUNDSTRAND	3	

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			PART 6		SECTION 6.2
	APU CENTRE		Issue-2	Rev-3	31 MAR 2022

RATING: C7 : ENGINE – APU						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1.	APU GTCP 36-300	3800278-4	49-26-51	HONEYWELL	3	
2.	OIL COOLER	3880799-1	49-90-01	HONEYWELL	3	Tested on APU Test Cell
3.	LUBE PUMP	3880190-13	49-91-41	GARRETT AIRLINE SERVICES DIVISION	3	Tested on APU Test Cell
4.	COOLING FAN	3862775-3	49-51-81	GARRETT AIRLINE SERVICES DIVISION	3	Tested on APU Test Cell
5.	GEAR BOX	3862750-9/-7	49-26-51	HONEYWELL	3	
6.	FUEL NOZZLE ASSEMBLY (APU)	3830187-3	49-26-51	HONEYWELL	3	
7.	FLOW DIVIDER VALVE (APU)	388235-1	49-32-07	HONEYWELL	3	
8.	APU GTCP 131-9A	3800708-1	49-27-29	HONEYWELL	2	Disassembly, Inspection, Assembly and Testing of APU
9.	COOLING FAN ASSEMBLY	3616140-4/-6/-7	49-51-07	HONEYWELL	2	Tested on APU Test Cell

	CAPABILITY LIST		AIESL CAP/03		
			PART 6		SECTION 6.2
	APU CENTRE		Issue-2	Rev-0	01 DEC 2020

<u>RATING: C7 : ENGINE / APU</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	FUEL NOZZLE & SUPPORT ASSY(V2500)	2A0994/2A1637	73-13-41	INTERNATIONAL AERO ENGINES	3	
2	LP/HP FUEL PUMP (V2500)	5008735	73-12-41	HAMILTON SUNDSTRAND	3	
3	FMU	500MK	73-22-52	GOODRICHE ENGINE CONTROL SYSTEM	3	

	CAPABILITY LIST		AIESL CAP/03		
			PART 6		SECTION 6.2
	APU CENTRE		Issue-2	Rev-0	01 DEC 2020

<u>RATING: C7 : ENGINE – APU</u>						
S/N	NOMENCLATURE	PART NUMBER	ATA/CMM REFERENCE	MANUFACTURER / VENDOR	LEVEL OF MAINTENANCE	REMARKS
1	LPC BLEED SLAVE ACTUATOR	1667	75-31-43	GOODRICHE ENGINE CONTROL SYSTEM	3	
2	LPC BLEED ACTUATOR	1666	75-31-42	GOODRICHE ENGINE CONTROL SYSTEM	3	
3	VSV ACTUATOR	1685	75-32-41	GOODRICHE ENGINE CONTROL SYSTEM	3	
4	HPT/LPT ACC ACTUATOR	5860017	75-24-52	PARKER HANNIFIN	3	