

GENERAL SPECIFICATIONS & MAJOR MAINTENANCE STATUS

GENERAL DATA

| | | | |
|-------------------------|---------------------|-------------|--------------------------|
| Aircraft Make | : British Aerospace | Engine Make | : Honeywell |
| Aircraft Type | : Bae Avro RJ 100 | ENG Type | : LF507-1F |
| Manufacturer Serial No | : | ENG 1 SN | : LF07588 |
| Aircraft Line Number | : N/A | ENG 2 SN | : LF07454 |
| Date of Manufacture | : January 1996 | ENG 3 SN | : P07448 |
| Aircraft Registration | : | ENG 4 SN | : LF07227 |
| Country of Registration | : Philippines | APU Make | : Hamilton Sundstrand |
| Configuration | : Passenger | APU Type | : APS1000-C3 (T62T-46C3) |
| Lavatories | : FWD and AFT | APU SN | : SP-E977534 |
| Galleys | : FWD and AFT | | |

CERTIFICATES & WIEGHT CAPACITY INFORMATION

| CERTIFICATES | | DESIGN WEIGHTS & CAPACITY | |
|-----------------|---------------|---------------------------|----------------|
| C of A Validity | : 06-Feb-2020 | Max Take Off Wt. | : 46,200 kg |
| C of R Validity | : 05-Feb-2021 | Max Taxi Wt. | : 46,266 kg |
| Noise Cert | : 15-Dec-2017 | Max Landing Wt. | : 40,142 kg |
| Radio License | : 04-Feb-2022 | Max Zero Fuel Wt. | : 37,874 kg |
| WT & Balance | : 20-Dec-2020 | Min Flight Wt. | : 21,546 kg |
| Comp Swing | : None | Basic Empty Wt. | : 25,600 kg |
| Export C of A | : None | Max Fuel Capacity | : 3,099 US gal |

Status Date: 05 June 2020

AIRCRAFT MAJOR INSPECTION STATUS

| AIRCRAFT MAINTENANCE STATUS | | | | | |
|--|-----------------|----------------|--------------------|-----------------|-------------|
| Date Status | : 05 June 2020 | AC Total Hours | : 49,177 FH | AC Total Cycles | : 45,932 FC |
| Last Maintenance Inspections | | | | | |
| Check | Interval | Last Done | AC Total Time | Next Due | |
| A01 | 650 FC | 17-Mar-20 | 45,932 FC | 46,551 FC | 03Aug20 |
| A02 | 1250 FC | 17-Mar-20 | 45,932 FC | 47,176 FC | 06Dec20 |
| A04 | 2500 FC | 17-Mar-20 | 45,932 FC | 48,426 FC | 13Aug21 |
| C01 | 5000 FC/2.5YE | 17-Mar-20 | 45,932 FC | 50,932 FC | 12Jan23 |
| C02 | 10000 FC/5YE | 17-Mar-20 | 45,932 FC | 55,932 FC | 17Mar25 |
| C03 | 15000 FC/7.5YE | 02-Feb-12 | 34,463 FC | 49,463 FC | 08Mar22 |
| C04 | 20000 FC/10YE | 02-Feb-12 | 34,463 FC | 54,463 FC | 02Feb22 |
| C05 | 25000 FC/12.5YE | 01-Aug-18 | 45,655 FC | 70,655 FC | 02Feb31 |
| C06 | 30000 FC/15YE | 20-Jul-18 | 45,110 FC | 75,524 FC | 19-Jul33 |
| C08 | 30000 FC/15YE | 28-Jan-14 | 38,792 FC | 78,792 FC | 28Jan34 |
| Program Type | : MSG3 | Next A-Check | : | | |
| | | A01: | 03Aug20 / 46,551FC | | |
| Maintenance Program Reference: Bae Avro RJ100 MPD 146.01 Rev. No. 53 dated 15Nov2016 | | | | | |

ENGINES/APU-MAJOR MAINTENANCE STATUS

| Engine Maint Status | Engine 1 | Engine 2 | APU | | |
|---------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Make : | Honeywell | Honeywell | Honeywell | Honeywell | Hamilton Sundstrand |
| Type Model : | LF507-1F | LF507-1F | LF507-1F | LF507-1F | APS1000-C3 |
| ENG Serial No : | LF07588 | LF07454 | P07448 | LF07227 | SP-E977534 |
| Thrust Rating : | 7,500 LBS | 7,500 LBS | 7,500 LBS | 7,500 LBS | N/A |
| TSN/CSN : | 24116FH/22512FC | 44343FH/41313FC | 22622FH/22144FC | 46838FH/46007FC | N/A |
| TSLSV/CSLSV : | 5711:52FH/5585FC | 5114:47FH/5067FC | 191:47FH/197 | 2956FH/2701FC | N/A |
| Status : | Serviceable (Unlimited) |

Status Date: 05 June 2020

LANDING GEAR – MAJOR MAINTENANCE STATUS

| Landing Gear Status | NLG | LH MLG | RH MLG |
|---------------------|--------------------|--------------------|--------------------|
| Make : | Messier Dowty | Messier Dowty | Messier Dowty |
| Part Number : | 201138002 | 201423005 | 201423002 |
| Serial Number : | DLG-0040 | MDG0324 | MDG-0088 |
| Total Hours : | 43,899FH | UNK | UNK |
| Total Cycles : | 41,127FC | 29,266FC | 44,120FC |
| Last Shop Visit : | 05-Jun-2013 | 03-Dec-2014 | 24-Oct-2014 |
| OH Interval : | 15000FC/ 12YE | 15000FC/ 12YE | 15000FC/ 12YE |
| Since OH : | 8,091FC | 11,966FC | 5,057FC |
| Remaining : | 6,909FC | 3,034FC | 9,943FC |
| Next Due OH : | 48,036FC/ Jun-2025 | 32,300FC/ Dec-2026 | 54,063FC/ Oct-2026 |

Status Date: 05 June 2020

MAJOR MODIFICATIONS / MAJOR CHANGE IN TYPE DESIGN

| Description | Installation Document | Performed | Evaluation |
|-----------------------|-------------------------------|---|-------------|
| EASA.A.S.02613 (EASA) | EO-ARJ-SWU-34-1002/EO* Rev.05 | Activation of RAAS function of EGPWS computer in Avro RJ 85/100 series Aircraft | 30.Dec.2010 |
| EASA.A.S.02624(EASA) | EO-ARJ-SWU-34-1001/EO* Rev.02 | Installation of RAAS compatible EGPWS computer in Avro RJ 85/100 series Aircraft | 10.Jun.2010 |
| EASA.A.S.02882(EASA) | AR4799-52-01/SB* Rev.A | Installation of cockpit door locking system Tenencia - Adams rite | 07.Mar.2008 |
| EASA.A.S.01889(EASA) | EO230086/EO*Rev.02 | Airworks CDSS installation to Avro RJ series airplanes | 12.May.2006 |
| TEN668-10 (TE) | EO-ARJ-SWU-25-1011/EO*Rev.01 | Honeywell Rescu 406 AFN ELT with aim - Installation instructions bae 146/Avro RJ series | 21.Feb.2012 |

Status Date: 05 June 2020

EQUIPMENT LIST

| ATA | DESCRIPTION | LOCATION | MANUFACTURER | PART NUMBER | SERIAL NUMBER |
|------------------------|-------------------------------|--------------------|------------------------|----------------------|---------------|
| 22 | FLIGHT GUIDANCE COMPUTER | AV BAY - LH | BAE Systems | 4068300-905 | 98040317 |
| | FLIGHT GUIDANCE COMPUTER | AV BAY - RH | BAE Systems | 4068300-905 | 1010394 |
| 23 | AUDIO SELECTOR PANEL | OBSERVER | PS Engineering | IU550-011 | T288 |
| | AUDIO SELECTOR PANEL | FIRST OFFICER | PS Engineering | IU550-011 | T337 |
| | AUDIO SELECTOR PANEL | CAPTAIN | PS Engineering | IU550-011 | T412 |
| | AMPLIFIER - PASSENGER ADDRESS | AV RACK - LH | Rockwell Collins | 622-4096-002 | 6114 |
| | VHF TRANSCEIVER | AV BAY LH - VHF 2 | Rockwell Collins | 822-1044-005 | 13349 |
| | VHF TRANSCEIVER | AV BAY LH - VHF 1 | Rockwell Collins | 822-1044-005 | 13426 |
| | VHF TRANSCEIVER | AV BAY LH - VHF 3 | Rockwell Collins | 822-1047-005 | 168YT4 |
| | MANAGEMENT UNIT - ACARS | AV BAY RACK | Bendix King | 965-0758-001 | 1875 |
| | COCKPIT VOICE RECORDER | AFT CARGO - RH | Honeywell | 980-6020-001 | 0831 |
| | AUDIO CONTROL UNIT | AV RACK - LH | GEC Marconi Sensor Ltd | AA15504-11-007 | 1637 |
| | RADIO MANAGEMENT PANEL | PEDESTAL - LH | XS Aviation | G7104-04 | 468 |
| RADIO MANAGEMENT PANEL | PEDESTAL - RH | XS Aviation | G7104-04 | 47 | |
| 24 | INVERTER | AV RACK - XE20 | Bae System | 1B250-1B1B1642 | T11119157 |
| | CURRENT TRANSFORMER | AV BAY | FR- HITEMP Ltd | 407-1-32460-000 | TE1002 |
| | CURRENT TRANSFORMER | AV BAY | FR- HITEMP Ltd | 407-1-32460-000 | TE1003 |
| | CURRENT TRANSFORMER | AV BAY | FR- HITEMP Ltd | 407-1-32460-000 | TE1004 |
| | GENERATOR CONTROL UNIT | AV BAY - ENGINE 1 | XS Aviation | 700-1-22490-520 | TE1416 |
| | GENERATOR CONTROL UNIT | AV BAY - APU | XS Aviation | 700-1-22490-520 | TE1438 |
| GENERATOR CONTROL UNIT | AV BAY - ENGINE 4 | XS Aviation | 700-1-22490-520 | TE0845 | |
| 31 | ENGINE LIFE COMPUTER | AV RACK - LH | | 0826KEL06-210 | 931016 |
| | DIGITAL DISPLAY - ENGINE | CENTER PANEL - RH | Smiths Industries | 322EDP2-1 | AD788/092 |
| | DIGITAL DISPLAY - ENGINE | CENTER PANEL - LH | Smiths Industries | 322EDP2-1 | HV27682 |
| | EFIS DISPLAY | FO PANEL - LOWER | Honeywell | 4066192-901 | 95120678 |
| | EFIS DISPLAY | FO PANEL - UPPER | Honeywell | 4066192-901 | 94010530 |
| | EFIS DISPLAY | CAPT PANEL - UPPER | Honeywell | 4066192-901 | 95050626 |
| | EFIS DISPLAY | CAPT PANEL - LOWER | Honeywell | 4066192-901 | 98110995 |
| | AUDIBLE WARNING SYSTEM | AV BAY - LH AWS | Ultra Electronics Ltd | 48351-101-0 | 1357 |
| | FLIGHT DATA ACQUISITION UNIT | AV RACK - RH | XS Aviation | 612-1-43530-103 | 16073 |
| | SSFDR | AFT CARGO - LH | Honeywell | 980-4700-003 | 3749 |
| AFDAMU | AV BAY - LH | - | ED35E109-07-00 | 917 | |
| STANDBY ALTIMETER | CAPT PANEL - LH | Smiths Industries | WL102AMS3 | AL780 | |
| 32 | ANTI SKID CONTROL BOX | AV RACK - RH | Dunlop Ltd Aviation | AE20612 | 0141 |
| 34 | BARROMETRIC ALTIMETER | FO PANEL | Honeywell | 4039892-909 | 94063422 |
| | BARROMETRIC ALTIMETER | CAPT PANEL | Honeywell | 4039892-909 | 563304 |
| | AIRDATA COMPUTER | AV BAY - RH ADC 2 | Honeywell | 4068900-903 | 93010127 |
| | AIRDATA COMPUTER | AV BAY - LH ADC 1 | Honeywell | 4068900-903 | 95100228 |
| | TCAS/ACAS VSI INDICATOR | F/O PANEL - LH | Thales | 457400GB1901 | 10678 |
| | TCAS/ACAS VSI INDICATOR | CAPT PANEL - LH | Thales | 457400GB1901 | 10699 |
| | DME 700 | AV BAY - LH DME 2 | Rockwell Collins | 622-4540-001 | 124057 |
| | DME 700 | AV BAY - RH DME 1 | Rockwell Collins | 622-4540-001 | 7345 |
| | RADIO ALTIMETER | CARGO BAY RH RA 2 | Rockwell Collins | 622-4542-420 | 3922 |
| | RADIO ALTIMETER | CARGO BAY LH RA 1 | Rockwell Collins | 622-4542-420 | 95JU |
| | ADF RECEIVER | AV BAY - LH ADF 2 | Rockwell Collins | 622-5222-420 | 6873 |
| | ADF RECEIVER | AV BAY - RH ADF 1 | Rockwell Collins | 622-5222-420 | 5977 |
| | WEATHER RADAR TRANSCEIVER | AV BAY - FWD - RH | Bendix King | 3614071-0401 | 1014 |
| | EFIS SYMBOL GENERATOR | AV BAY - LH | Honeywell | 4066300-911 | 94090417 |
| | EFIS SYMBOL GENERATOR | AV BAY - RH | Honeywell | 4066300-911 | 99040650 |
| | ILS RECEIVER | AV BAY - RH ILS 1 | Rockwell Collins | 622-9738-420 | 64 |
| | ILS RECEIVER | AV BAY - LH ILS 2 | Rockwell Collins | 622-9738-420 | 896 |
| | TRANSPONDER MODE S XS-950 | AV BAY | ACSS | 7517800-10005 | 98081167 |
| | TRANSPONDER MODE S XS-950 | AV BAY | ACSS | 7517800-10005 | 98091432 |
| | TCAS COMPUTER TBA100B | AV RACK - LH | ACSS | 7517900-10020 | 98100569 |
| | VOR 700 MARKER RX | AV BAY - RH VOR 1 | Rockwell Collins | 822-0726-120 | 4236 |
| | VOR 700 MARKER RX | AV BAY - LH VOR 2 | Rockwell Collins | 822-0726-120 | 4368 |
| | FLIGHT MANAGEMENT COMPUTER | AV BAY RH- FMC 1 | Rockwell Collins | 822-1497-001 | 1KDIC |
| | FLIGHT MANAGEMENT COMPUTER | AV BAY LH- FMC 2 | Rockwell Collins | 822-1497-001 | 1FT9X |
| | EGPWS (RAAS) | | Honeywell | 965-0976-003-224-224 | 18608 |
| | IRU | AV BAY RH - IRU 2 | Honeywell | HG2001BC02 | 95100437 |
| | IRU | AV BAY LH - IRU 1 | Honeywell | HG2001BC02 | 00010942 |
| | FMS MULTI FUNCTION DISPLAY | CENTER PANEL | Rockwell Collins | 822-0938-011 | 282 |
| | AIRDATA ACCESSORY UNIT | AV RACK - RH | - | WDFDATEL1025-000 | 210/WDFD/99 |

LOPA

