

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	: LF07436
Aircraft Line Number	: N/A	ENG 2 SN	: P07744
Date of Manufacture	: November 1998	ENG 3 SN	: P07741
Aircraft Registration	:	ENG 4 SN	: LF07220
Country of Registration	: Philippines	APU Make	: Hamilton Sundstrand
Configuration	: Passenger	APU Type	: APU APS1000-C3 (T62T- 46C3)
Lavatories	: FWD and AFT	APU SN	: SP-E957427
Galleys	: FWD and AFT		

CERTIFICATES & WIEGHT CAPACITY INFORMATION

CERTIFICATES	DESIGN WEIGHTS & CAPACITY
C of A Validity : 16 Nov 2019	Max Take Off Wt. : 46,200 kg
C of R Issue Date : 26 Oct 2017	Max Taxi Wt. : 46,266 kg
Noise Cert : 15 Sep 2017	Max Landing Wt. : 40,142 kg
Radio License : 09 Oct 2021	Max Zero Fuel Wt. : 37,874 kg
WT & Balance : 03 Nov 2020	Min Flight Wt. : 21,546 kg
Comp Swing : 08 Oct 2020	Basic Empty Wt. : 25,600 kg
Export C of A : None	Max Fuel Capacity : 3,099 US gal

Status Date: 31 March 2020

AIRCRAFT MAJOR INSPECTION STATUS

AIRCRAFT MAINTENANCE STATUS					
Date Status : 31 Mar 2020		AC Total Hours : 41,809:29 FH		AC Total Cycles : 39,834 FC	
Last Maintenance Inspections					
<u>Check</u>	<u>Interval</u>	<u>Last Done</u>	<u>AC Total Time</u>	<u>Next Due</u>	
A01	625 FC	04-Jan-18	39,238 FC	39,863 FC	30Jul19
A02	1,250 FC	28-Jun-17	38,957 FC	40,207 FC	01Jan20
A04	1,875 FC	11-Jul-17	39,017 FC	40,892 FC	28May20
A06	2,500 FC	11-Jul-17	39,017 FC	41,517 FC	29May20
C01	5,000 FC/2.5YE	20-Jul-18	39,380 FC	44,380 FC	19Jan22
C02	10,000 FC/5YE	13-Jan-14	31,884 FC	41,844 FC	07Sep20
C03	15,000 FC/7.5YE	20-Nov-15	35,643 FC	50,643 FC	24Jun25
C04	20,000 FC/10YE	20-Nov-15	35,643 FC	55,643 FC	20Mar28
C05	25,000 FC/12.5YE	18-Jan-10	23,373 FC	48,373 FC	27Mar24
C06	30,000 FC/15YE	20-Nov-15	35,643 FC	65,643 FC	10Sep33
Program Type : MSG 3		Next A-Check :			
		A01+A02: 01-Jan-20 / 40,207 FC			
Maintenance Program Reference: BAe Avro RJ 100 MPD 146.01 Rev. No.53 dated 15 Nov 2016					

ENGINES/APU-MAJOR MAINTENANCE STATUS

Engine Maint Status	Engine 1	Engine 2	Engine 3	Engine 4	APU
Make :	Honeywell	Honeywell	Honeywell	Honeywell	Hamilton Sundstrand
Type Model :	LF507-1F	LF507-1F	LF507-1F	LF507-1F	APS1000-C3
ENG Serial No :	LF07436	P07744	P07741	LF07220	SP-E957427
Thrust Rating :	7,500 Lbf	7,500 Lbf	7,500 Lbf	7,500 Lbf	N/A
TSN/CSN :	41,138FH 39,170 FC	36,598FH 33,790 FC	38,327FH 36,489FC	45,990 FH 45,446 FC	UNK
TSLSV/CSLS :	2,480FH 2,311 FC	1,632 FH 1,620 FC	961FH 881FC1	1246 FH 1132 FC	UNK
LLP Limiter :	2,491 FC Stg. 1 Turbine Disc	2,151 FC Impeller	1,019 FC Stg.2 Turbine Disc	2,633 FC Impeller	UNK
Status :	FOR SHOP VISIT	On-Wing	On-Wing	On-Wing	On-Wing
Condition :	FOR SHOP VISIT	Serviceable	Serviceable	Serviceable	Serviceable

Status Date: 31 March 2020

LANDING GEAR – MAJOR MAINTENANCE STATUS

Landing Gear Status	NLG	LH MLG	RH MLG
Make :	Messier Dowty	Messier Dowty	Messier Dowty
Part Number :	201138002	201423001	201423002
Serial Number :	M-DG-0142	M-DG-0183	M-DG-0105
Total Hours :	UNK	UNK	UNK
Total Cycles :	21,030 FC	34,451 FC	43,067 FC
Last Shop Visit :	05-Jun-2013	14-Mar-2011	27-Aug-2015
OH Interval :	15,000 FC/ 12 Years	15,000 FC / 12 Years	15,000 FC / 12 Years
Since OH :	6,841 FC	9,118 FC	4,191 FC
Remaining :	8,159 FC	5,882 FC	10,809 FC
Next Due OH :	47,993 FC	45,716 FC / 14 Mar 2023	50,643 FC/ 27 Aug 2027

Status Date: 31 March 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* R ev.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: 31 March 2020

EQUIPMENT LIST

ATA	DESCRIPTION	LOCATION	MANUFACTURER	PART NUMBER	SERIAL NUMBER
22	FLIGHT GUIDANCE COMPUTER	AV BAY - LH	BAE Systems	4068300-905	97090293
	FLIGHT GUIDANCE COMPUTER	AV BAY - RH	BAE Systems	4068300-905	98040317
23	AUDIO SELECTOR PANEL	OBSERVER	PS Engineering	IU550-011	T297
	AUDIO SELECTOR PANEL	FIRST OFFICER	PS Engineering	IU550-011	T330
	AUDIO SELECTOR PANEL	CAPTAIN	PS Engineering	IU550-011	T598
	AMPLIFIER - PASSENGER ADDRESS	AV RACK - LH	Rockwell Collins	622-4096-002	7527
	HF TRANSCEIVER	AV RACK	Rockwell Collins	622-5272-020	7932
	VHF TRANSCEIVER	AV BAY LH - VHF 2	Rockwell Collins	822-1044-003	4600
	VHF TRANSCEIVER	AV BAY LH - VHF 1	Rockwell Collins	822-1044-003	6740
	VHF TRANSCEIVER	AV BAY LH - VHF 3	Rockwell Collins	822-1047-003	8310
	MANAGEMENT UNIT - ACARS	AV BAY RACK	Bendix King	965-0758-001	274
	COCKPIT VOICE RECORDER	AFT CARGO - RH	Honeywell	980-6022-001	CVR120-09224
	AUDIO CONTROL UNIT	AV RACK - LH	GEC Marconi Sensor Ltd	AA15504-11-007	803403
24	RADIO MANAGEMENT PANEL	PEDESTAL - LH	XS Aviation	G7104-04	419
	RADIO MANAGEMENT PANEL	PEDESTAL - RH	XS Aviation	G7104-04	48
	INVERTER	AV RACK - XE20	Bae System	1B250-1B1B1642	T11126450
	CURRENT TRANSFORMER	AV BAY	FR- HiTEMP Ltd	407-1-32460-000	TE1245
	CURRENT TRANSFORMER	AV BAY	FR- HiTEMP Ltd	407-1-32460-000	TE1246
	CURRENT TRANSFORMER	AV BAY	FR- HiTEMP Ltd	407-1-32460-000	TE1247
	GENERATOR CONTROL UNIT	AV BAY - ENGINE 1	XS Aviation	700-1-22490-520	TE1537
31	GENERATOR CONTROL UNIT	AV BAY - APU	XS Aviation	700-1-22490-520	TE1335
	GENERATOR CONTROL UNIT	AV BAY - ENGINE 4	XS Aviation	700-1-22490-520	TE1303
	ENGINE LIFE COMPUTER	AV RACK - LH	Smiths Industries	0826KEL06-210	941028
	DIGITAL DISPLAY - ENGINE	CENTER PANEL - RH	Smiths Industries	322EDP2-1	AE345/113
	DIGITAL DISPLAY - ENGINE	CENTER PANEL - LH	Smiths Industries	322EDP2-1	HV40213
	EFIS DISPLAY	PANEL LH	Honeywell	4066192-901	00101125
	EFIS DISPLAY	FO PANEL - LOWER	Honeywell	4066192-901	90020109
	EFIS DISPLAY	FO PANEL - UPPER	Honeywell	4066192-901	91100310
	EFIS DISPLAY	PANEL LH	Honeywell	4066192-901	97040832
	AUDIBLE WARNING SYSTEM	AV BAY - LH AWS	Ultra Electronics Ltd	48351-101-0	1383
	FLIGHT DATA ACQUISITION UNIT	AV RACH - RH	XS Aviation	612-1-43530-103	10029
32	SSFDR	AFT CARGO - LH	Honeywell	980-4700-003	1422
	AFDAMU	AV BAY - LH	-	ED35E109-07-00	971
	STANDBY ALTIMETER	CAPT PANEL - LH	Smiths Industries	WL102AMS3	AL382
	ANTI SKID CONTROL BOX	AV RACK - RH	Dunlop Ltd Aviation	AE20612	0111
	BAROMETRIC ALTIMETER	FO PANEL	Honeywell	4039892-909	074937
	BAROMETRIC ALTIMETER	CAPT PANEL	Honeywell	4039892-909	01025050
	AIRDATA COMPUTER	AV BAY - RH ADC 2	Honeywell	4068900-903	00080480
34	AIRDATA COMPUTER	AV BAY - LH ADC 1	Honeywell	4068900-903	98060397
	TCAS/ACAS VSI INDICATOR	F/O PANEL - LH	Thales	457400GB1901	10178
	TCAS/ACAS VSI INDICATOR	CAPT PANEL - LH	Thales	457400GB1901	7752
	DME 700	AV BAY - LH DME 2	Rockwell Collins	622-4540-001	6300
	DME 700	AV BAY - RH DME 1	Rockwell Collins	622-4540-001	8433
	RADIO ALTIMETER	CARGO BAY RH RA 2	Rockwell Collins	622-4542-420	1222385
	RADIO ALTIMETER	CARGO BAY LH RA 1	Rockwell Collins	622-4542-420	4561
	ADF RECEIVER	AV BAY - LH ADF 2	Rockwell Collins	622-5222-420	4991
	ADF RECEIVER	AV BAY - RH ADF 1	Rockwell Collins	622-5222-420	6346
	WEATHER RADAR TRANSCEIVER	AV BAY - FWD - RH	Bendix King	2041217-0414	7614
	EFIS SYMBOL GENERATOR	AV BAY - LH	Honeywell	4066300-911	94120430
	EFIS SYMBOL GENERATOR	AV BAY - RH	Honeywell	4066300-911	99030645
	ILS RECEIVER	AV BAY - RH ILS 1	Rockwell Collins	622-9738-420	1765
	ILS RECEIVER	AV BAY - LH ILS 2	Rockwell Collins	622-9738-420	763
	TRANSPONDER MODE S XS-950	AV BAY	ACSS	7517800-10005	98091299
	TRANSPONDER MODE S XS-950	AV BAY	ACSS	7517800-10005	98101120
	TCAS COMPUTER TBA100B	AV RACK - LH	ACSS	7517900-10020	20006929
	VOR 700 MARKER RX	AV BAY - RH VOR 1	Rockwell Collins	822-0726-120	111827
	VOR 700 MARKER RX	AV BAY - LH VOR 2	Rockwell Collins	822-0726-120	112827
	FLIGHT MANAGEMENT COMPUTER	AV BAY RH- FMC 1	Rockwell Collins	822-1497-001	110454
	FLIGHT MANAGEMENT COMPUTER	AV BAY LH- FMC 2	Rockwell Collins	822-1497-001	1K85G
	EGPWS (RAAS)	AV BAY	Honeywell	965-0976-003-224-224	2893
	IRU	AV BAY RH - IRU 2	Honeywell	HG2001BC02	032
	IRU	AV BAY LH - IRU 1	Honeywell	HG2001BC02	95100437
	MCDU	CENTER PANEL	Rockwell Collins	822-0938-001	336
	AIRDATA ACCESSORY UNIT	AV RACK - RH	-	WDFDATEL1025-000	314/WDF/01

