

GENERAL SPECIFICATIONS & MAJOR MAINTENANCE STATUS

GENERAL DATA

Aircraft Make	: British Aerospace	Engine Make	: Honeywell
Aircraft Type	: Bae Avro RJ 100	ENG Type	: Honeywell LF507-1F
Manufacturer Serial No	:	ENG 1 SN	: LF07216
Aircraft Line Number	: N/A	ENG 2 SN	: LF07221
Date of Manufacture	: May 1996	ENG 3 SN	: LF07509
Aircraft Registration	:	ENG 4 SN	: P07245
Country of Registration	: Philippines	APU Make	: Hamilton Sundstrand
Configuration	: Passenger	APU Type	: APS1000-C3 (T62T-46C3)
Lavatories	: FWD and AFT	APU SN	: SP-E997582
Galleys	: FWD and AFT		

CERTIFICATES & WEIGHT CAPACITY INFORMATION

CERTIFICATES		DESIGN WEIGHTS & CAPACITY	
C of A Validity	: 23 Jan 2020	Max Take Off Wt.	: 46,200 kg
C of R Issue	: 08 Jan 2018	Max Taxi Wt.	: 46,266 kg
Noise Cert	: 19 Jan 2018	Max Landing Wt.	: 40,142 kg
Radio License	: 15 Jan 2022	Max Zero Fuel Wt.	: 37,874 kg
WT & Balance	: 28 Dec 2020	Min Flight Wt.	: 21,546 kg
Comp Swing	: 12 Jun 2019	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 March 2020	AC Total Hours	: 47105 FH	AC Total Cycles	: 44,873 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	16-Oct-19	44,873 FC	45,498 FC	30Dec19
A02	1,250 FC	19-Apr-18	43,843 FC	45,093 FC	30Dec19
A04	1,875 FC	19-Apr-18	43,843 FC	45,718 FC	02Jul20
A06	2,500 FC	19-Apr-18	43,843 FC	46,343 FC	08Aug20
C01	5,000 FC/2.5YE	24-Apr-18	43,843 FC	48,843 FC	23Oct20
C02	10,000 FC/5YE	05-Dec-14	39,285 FC	49,285 FC	05Dec19
C03	15,000 FC/7.5YE	15-Mar-13	35,643 FC	50,643 FC	13Sep20
C04	20,000 FC/10YE	15-Mar-13	35,643 FC	55,643 FC	15Mar23
C05	25,000 FC/12.5YE	24-Apr-18	43,843 FC	68,843 FC	23Oct30
C06	30,000 FC/15YE	28-Feb-13	35,643 FC	65,643 FC	28Feb28
C08	40,000 FC/20YE	05-Dec-14	39,285 FC	79,285 FC	05Dec34
Program Type	: MSG3	Next A-Check	:	Next C-Check	:
		A01+A02 30 Dec 2019 / 45,093 FC		C02 05 DEC 19 / 49,285 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 :	LF07216	LF07221	LF07509	LF07245	SP-E997582
Thrust Rating :	7,500 Lbf	7,500 Lbf	7,500 Lbf	7,500 Lbf	N/A
TSN/CSN :	46,228 FH 45,602 FC	42,532 FH 42,075 FC	41,296 FH 39,195 FC	44,457 FH 43,656 FC	UNK
TSLSV/CSLS :	1,115 FH 1,014 FC	1,115 FH 1,014 FC	1,115 FH 1,014 FC	1,115 FH 1,014 FC	UNK
LLP Limiter :	386 FC Impeller Assy	1,061 FC Stg.1 Turbine Disc	2,252 FC 3 rd to 5 th Comp Spacer	3,750 FC Stg. 2 Turbine	UNK
Status :	On-Wing	On-Wing	On-Wing	On-Wing	On-Wing
Condition :	Serviceable	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	201423006
Serial Number :	M-DG-0126	M-DG-0311	M-DG-0310
Total Hours :	---	---	---
Total Cycles :	35,625 FC	32,881 FC	32,881 FC
Last Shop Visit :	11 Apr 2014	15 May 2018	15 May 2018
OH Interval :	15,000 FC / 12 YE	15,000 FC / 12 YE	15,000 FC / 12 YE
Since OH :	6,828 FC	1030 FC	1030 FC
Remaining :	8,172 FC	13,970 FC	13,970 FC
Next Due OH :	53,045 FC / Apr 2026	58,843 FC / May 2030	58,843 FC / May 2030
Remaining to Life :	4,375 FC	27,119 FC	27,119 FC

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* 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.IA.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	4068299-902	96040220
	FLIGHT GUIDANCE COMPUTER	AV BAY - RH	BAE Systems	4068299-902	97060282
23	AUDIO SELECTOR PANEL	OBSERVER	PS Engineering	IU550-011	T330
	AUDIO SELECTOR PANEL	FIRST OFFICER	PS Engineering	IU550-011	T298
	AUDIO SELECTOR PANEL	CAPTAIN	PS Engineering	IU550-011	T338
	AMPLIFIER - PASSENGER ADDRESS	AV RACK - LH	Rockwell Collins	622-4096-002	380
	VHF TRANSCEIVER	AV BAY LH - VHF 2	Rockwell Collins	822-1044-005	13180
	VHF TRANSCEIVER	AV BAY LH - VHF 1	Rockwell Collins	822-1044-005	14386
	VHF TRANSCEIVER	AV BAY LH - VHF 3	Rockwell Collins	822-1044-003	1653MG
	MANAGEMENT UNIT - ACARS	AV BAY RACK	Bendix King	965-0758-001	0597
	COCKPIT VOICE RECORDER	AFT CARGO - RH	Honeywell	980-6020-001	CVR30-03882
	AUDIO CONTROL UNIT	AV RACK - LH	GEC Marconi Sensor Ltd	AA15504-11-007	798739
RADIO MANAGEMENT PANEL	PEDESTAL - LH	XS Aviation	G7104-04	357	
RADIO MANAGEMENT PANEL	PEDESTAL - RH	XS Aviation	G7104-04	361	
24	INVERTER	AV RACK - XE20	Bae System	1B250-1B1B1642	T11119158
	CURRENT TRANSFORMER	AV BAY	FR- HITEMP Ltd	407-1-32460-000	TE1072
	CURRENT TRANSFORMER	AV BAY	FR- HITEMP Ltd	407-1-32460-000	TE1075
	CURRENT TRANSFORMER	AV BAY	FR- HITEMP Ltd	407-1-32460-000	TE1077
	GENERATOR CONTROL UNIT	AV BAY - ENGINE 1	XS Aviation	700-1-22490-520	TE1423
	GENERATOR CONTROL UNIT	AV BAY - APU	XS Aviation	700-1-22490-520	TE1303
GENERATOR CONTROL UNIT	AV BAY - ENGINE 4	XS Aviation	700-1-22490-520	TE0777	
25	ELT (FIXED)		Honeywell	1152682	1152652-04960
	ELT (PORTABLE)	ROW 21AB - OVH	RESQLINK	2880	3274
31	ENGINE LIFE COMPUTER	AV RACK - LH	Smiths Industries	0826KEL06-210	1028
	DIGITAL DISPLAY - ENGINE	CENTER PANEL - RH	Smiths Industries	322EDP2-1	HV43608
	DIGITAL DISPLAY - ENGINE	CENTER PANEL - LH	Smiths Industries	322EDP2-1	HV40200
	EFIS DISPLAY	PANEL LH UPPER	Honeywell	4066192-901	00071106
	EFIS DISPLAY	FO PANEL - LOWER	Honeywell	4066192-901	94120590
	EFIS DISPLAY	FO PANEL - UPPER	Honeywell	4066192-901	95110661
	EFIS DISPLAY	PANEL LH	Honeywell	4066192-901	01071176
	AUDIBLE WARNING SYSTEM	AV BAY - LH AWS	Ultra Electronics Ltd	48351-101-0	1308
	FLIGHT DATA ACQUISITION UNIT	AV RACK - RH	XS Aviation	612-1-43530-103	10037
	SSFDR	AFT CARGO - LH	Honeywell	980-4700-003	5709
	AFDAMU	AV BAY - LH	-	ED35E109-07-00	986
STANDBY ALTIMETER	CAPT PANEL - LH	Smiths Industries	WL102AMS3	AK166	
32	ANTI SKID CONTROL BOX	AV RACK - RH	Dunlop Ltd Aviation	AE20612	0247
34	BARROMETRIC ALTIMETER	FO PANEL	Honeywell	4039892-909	95023563
	BARROMETRIC ALTIMETER	CAPT PANEL	Honeywell	4039892-909	01025050
	AIRDATA COMPUTER	AV BAY - RH ADC 2	Honeywell	4068900-903	57036306
	AIRDATA COMPUTER	AV BAY - LH ADC 1	Honeywell	4068900-903	98040388
	TCAS/ACAS VSI INDICATOR	F/O PANEL - LH	Thales	457400GB1901	457400010942
	TCAS/ACAS VSI INDICATOR	CAPT PANEL - LH	Thales	457400GA1901	1657
	DME 700	AV BAY - LH DME 2	Rockwell Collins	622-4540-001	7467
	DME 700	AV BAY - RH DME 1	Rockwell Collins	622-4540-001	7277
	RADIO ALTIMETER	CARGO BAY RH RA 2	Rockwell Collins	622-4542-420	3771
	RADIO ALTIMETER	CARGO BAY LH RA 1	Rockwell Collins	622-4542-420	3922
	ADF RECEIVER	AV BAY - LH ADF 2	Rockwell Collins	622-5222-420	6849
	ADF RECEIVER	AV BAY - RH ADF 1	Rockwell Collins	622-5222-420	6890
	WEATHER RADAR TRANSCIEVER	AV BAY - FWD - RH	Bendix King	2041217-0414	6992
	EFIS SYMBOL GENERATOR	AV BAY - LH	Honeywell	4066300-911	95080449
	EFIS SYMBOL GENERATOR	AV BAY - RH	Honeywell	4066300-911	98040595
	ILS RECEIVER	AV BAY - RH ILS 1	Rockwell Collins	622-9738-420	1058
	ILS RECEIVER	AV BAY - LH ILS 2	Rockwell Collins	622-9738-420	1675
	TRANSPONDER MODE S XS-950	AV BAY	ACSS	7517800-10005	98081166
	TRANSPONDER MODE S XS-950	AV BAY	ACSS	7517800-10005	99011714
	TCAS COMPUTER TBA100B	AV RACK - LH	ACSS	7517900-10020	99062364
	VOR 700 MARKER RX	AV BAY - RH VOR 1	Rockwell Collins	822-0726-120	5414
	VOR 700 MARKER RX	AV BAY - LH VOR 2	Rockwell Collins	822-0726-120	5523
	FLIGHT MANAGEMENT COMPUTER	AV BAY RH- FMC 1	Rockwell Collins	822-1497-001	1K01C
	FLIGHT MANAGEMENT COMPUTER	AV BAY LH- FMC 2	Rockwell Collins	822-1497-001	1FT9X
	EGPWS (RAAS)	AV BAY	Honeywell	965-0976-003-224-224	8651
	IRU	AV BAY RH - IRU 2	Honeywell	HG2001BC02	98050818
	IRU	AV BAY LH - IRU 1	Honeywell	HG2001BC02	98090873
	FMS MULTI FUNCTION DISPLAY	RH	Rockwell Collins	822-0938-011	146
	FMS MULTI FUNCTION DISPLAY	LH	Rockwell Collins	822-0938-011	018
	AIRDATA ACCESSORY UNIT	AV RACK - RH	-	WDFDATEL1025-000	75WD101

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