

TFE731-3R-1H Engine S/N P-84355 Research

TSN: 12,913.2

CSN: 8,081

Date: 5/17/2019

Engine was removed from the No. 1 position of Hawker Beechcraft 125-700A S/N 257155 with ACTT: 13,368.4 & ACTL: 8,343.

The following research was performed using engine logbook – Volume 1.

Airworthiness Directives Research: **No outstanding Airworthiness Directives found at this time.**

Life limited components were researched and no components life limit restrictions were found.

Type of Inspection	Performed at Engine TT	Date Complied	TT since Inspection	Engine Total Time Due	Engine Time Remaining
150 - Hour Routine Periodic to 250 - Hour Routine Periodic	12,839.3	01/05/2017	12,913.2	12,989.3 13,089.3	76.1 176.1
300 - Hour Routine Periodic to 400 - Hour Routine Periodic	12,796.8	11/10/2016	12,913.2	13,096.8 13,196.8	183.6 283.6
600 - Hour Routine Periodic to 800 - Hour Routine Periodic	12,796.8	11/10/2016	12,913.2	13,396.8 13,596.8	483.6 683.6
1000 - Hour Routine Periodic to 1500 - Hour Routine Periodic	12,796.8	11/10/2016	12,913.2	13,796.8 14,296.8	883.6 1,383.6
1400 Hour Major Periodic Inspection	12,796.8	11/10/2016	12,913.2	14,196.8	1,283.6
Combustion Chamber Plenum Case Periodic Inspection (1,400 hours)	12,796.8	11/10/2016	12,913.2	14,196.8	1,283.6
Core Zone Inspection (4,200 hours)	11,421.2	2/23/2009	12,913.2	15,621.2	2,708.0
Accessory Gearbox (4,200 hours)	11,421.2	2/23/2009	12,913.2	15,621.2	2,708.0
Fan Support (4,200 hours)	11,421.2	2/23/2009	12,913.2	15,621.2	2,708.0

Type of Servicing	Performed at Engine TT	Date Complied	TT since Servicing	Engine Total Time Due	Engine Time Remaining
Change oil, every 1200 engine operating hours or whenever required	12,796.8	11/16/2016	12,913.2	13,996.8	1,083.6

Life Limited Component Information TFE731-3R-1H Engine S/N P-84355

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Components	P/N	S/N	Service Life Cycles	Total CSN	Cycles Remaining
Fan Drive Shaft	3071955-5	IP-4605	Note 1		No Limit
Fan Disc	3073563-2	5-03229-1335	10,000	4,198	5,802
LPC Tie Rod	3073049-1	0P-49961	Note 1		No Limit
1 st Stage LPC Disc	3072395-1	1-12112-1331	10,000	8,081	1,919
2 nd Stage LPC Disc	3072396-1	9-12112-4437	10,000	8,081	1,919
3 rd Stage LPC Disc	3072397-1	0-12112-4033	10,000	8,081	1,919
4 th Stage LPC Disc	3072398-1	0-12112-2848	10,000	8,081	1,919
HPC Radial Impeller	3073394-1	1-23365-1450	10,000	6,210	3,790
HP Turbine Disc	3072316-3	010322906458	7,000	2,814	4,186
1 st Stage LPT Disc	3075830-1	07-03229-06162	3,000	998	2,002
2 nd Stage LPT Disc	3072542-5	990322901765	3,000	992	2,008
3 rd Stage LPT Disc	3074096-2	5-12172-0367	7,000	4,188	2,812
LPT Rotating Seal	3072729-1	3P7869	Note 1		No Limit
HPT Rotor Seal Plate	3072411-1	8-18040-2786	10,000	7,596	2,404
HP Shouldered Shaft	3072545-1	1P-32505	12,000	8,081	3,919

Note 1: These component parts have not had cyclic life limits assigned, but may be subject to failure as a result of undetected abuse and unpredictable contingencies. Therefore, to provide a record of service experience and cycles (partial cycle counting does not apply), a Life Limit Part Log Card must be maintained. If the part is removed, the Life Limit Part Log Card must be updated and stay with that part.