

**LH (#1) ENGINE TFE 731-3R-1D INFORMATION**

<b>Model # TFE731-3R-1D</b>	<b>S/N: <u>P-83213</u></b>	<b>TSN: <u>9594.3</u></b>	<b>CSN: <u>7325</u></b>	<b><u>7/24/2019</u></b>
<b>AD Research: None Outstanding at this time</b>				
<b>Life limited components: See table below</b>				
<b>Inspections/Maintenance were verified: Volume #1 &amp; 2 LH Engine Logbooks</b>				
71.006 (710055) <b>150-Hour</b> Inspection No.1 Engine Area. Complied with on 10/24/2017 TSN: 9509.7 ( <b>Next Due Engine Time: 9659.7 Hours</b> ) <b>Time Remaining 65.4 Hours</b>				
71.009 (710012) <b>150-Hour</b> Submit No.1 Engine Soap Sample Complied with on 10/24/2017 TSN: 9509.7 ( <b>Next Due Engine Time: 9659.7 Hours</b> ) <b>Time Remaining 65.4 Hours</b>				
73.007 (730033) <b>300-hour</b> Replace No.1 Engine fuel pump filter. Complied with on 6/22/2009 TSN: 9467.2 ( <b>Next Due Engine Time: 9767.2 Hours</b> ) <b>Time Remaining 172.9 Hours</b>				
74.005 (742021) <b>800-Hour</b> Inspect No. 1 Ignition system Complied with on 6/06/2007, TSN: 9195.6 ( <b>Next Due Engine Time: 9995.6 Hours</b> ) <b>Time Remaining 401.3 Hours</b>				
(790003) <b>450-Hour</b> Change No.1 Engine Oil Complied with on 10/24/2017 TSN: 9509.7 ( <b>Next Due Engine TSN: 9959.7 Hours</b> ) <b>Time Remaining 365.4 Hours</b>				
79.004 (790149) <b>150-Hours</b> Inspect No.1 Engine oil screen and chip detector. Complied with on <b>10/24/2017 TSN: 9509.7 (Next Due Engine Time: 9659.7 Hours)</b> <b>Time Remaining 65.4 Hours</b>				

<b>Model # TFE731-3R-1D</b>	<b>S/N: P-83213</b>	<b>TSN: <u>9594.3</u></b>	<b>CSN: <u>7325</u></b>	<b><u>7/24/2019</u></b>
-----------------------------	---------------------	---------------------------	-------------------------	-------------------------

Required No.1 Engine Inspections (in hours)

Type of Inspection	Performed at Engine TT:	Date Complied	Time since Inspection:	Engine Time Due:	Eng. Time Remaining
Major Periodic Inspection ( <b>1,400 hours</b> )	8283.6	8/19/2004	9509.7	9683.6	<b>89.3</b>
Plenum Inspection ( <b>1,400 hours</b> )	8283.6	8/19/2004	9509.7	9683.6	<b>89.3</b>
Core Zone Inspection ( <b>4,200 hours</b> )	8283.6	8/19/2004	9509.7	12483.6	2889.3
Accessory Gearbox ( <b>4,200 hours</b> )	8283.6	8/19/2004	9509.7	12483.6	2889.3
Fan Support ( <b>4,200 hours</b> )	8283.6	8/19/2004	9509.7	12483.6	2889.3

### LH #1 Engine TFE 731-3R-1D Life Limited Components

Model # TFE731-3R-1D

S/N: P-83213TSN: 9594.3CSN: 73257/24/2019

Components	P/N	S/N	Service Life Cycles	Total Cycles Since New	Cycles Remaining
Fan Disc	3073563-2	010322900436	10,000	1,002	8,998
Fan Shaft	3071955-5-22242	OP-33458	<b>Note 1</b>	7,325	<b>No Limit</b>
Tie Rod	3073049-1	03P06015	<b>Note 1</b>	759	<b>No Limit</b>
1 <sup>st</sup> Stage Disc	3072395	0-12112-724	10,000	7,325	2,675
2 <sup>nd</sup> Stage Disc	3072396	0-03160-1681	10,000	7,325	2,675
3 <sup>rd</sup> Stage Disc	3072397	0-03160-1752	10,000	7,325	2,675
4 <sup>th</sup> Stage Disc	3072398	0-12112-1890	10,000	7,325	2,675
HP Compressor Radial Impeller	3073398-1	6-23365-1137	10,000	3,620	6,380
HP Turbine Disc	3072316-2	1-18040-675	7,000	2,702	4,298
LP Turbine 1 <sup>st</sup> Disc	3075830-1	12-182449-06965	3,000	65	2,935
LP Turbine 2 <sup>nd</sup> Disc	3072542-5	980322903676	3,000	1,373	1,627
LP Turbine 3 <sup>rd</sup> Disc	3074096-2	5-12172-0420	7,000	2,015	4,985
HP Rotor Seal Plate	3072411-1	0-18040-9773	10,000	7,325	2,675
Shouldered Shaft	3072545-1	OP-32640	12,000	7,325	4,675
Rotating Seal	3072729-1	0-23151-146	<b>Note 1</b>	7,325	<b>No Limit</b>

**Note1:** These component parts have not had cyclic life limits assigned, but may 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.