

EMU

Software Version: SR30800 3.2.0.0
Serial Number: 89102
Total Engine Runtime: 539:19:09
Engine Start Count: 618

DDU

Time at connection: 07/16/2021 14:02:17 UTC
Software Version: 1.8.6

Session Information

Operator Name: NTSB
Aircraft Serial Number: 0675
Engine Serial Number: RRE-200635
Aircraft Type: R66

Exceedance Summary

Exceedance Type	Exceedance Count	Accumulated Time	Trigger
N1 Transient Exceedance	1512	00:08:46	N1 > 106 %
N1 Run Limit Exceedance	0	00:00:00	N1 > 105 % for 15 seconds
N2 Transient Exceedance	1416	00:02:24	N2 > 110 %
N2 Run Limit Exceedance	0	00:00:00	N2 > 105 % for 15 seconds
N2 Run Limit 1 Exceedance	0	00:00:00	N2 > 78% and < 88%, TMOP > 25.1 psi for 60 seconds
TMOP Transient Exceedance	0	00:00:00	TMOP > 119 psi
TMOP Exceedance	0	00:00:00	TMOP > 79 psi for 16 seconds
TMOP Run Limit Exceedance	0	00:00:00	TMOP > 67 psi for 300 seconds
MGT Transient Start-up Mode Exceedance	0	00:00:00	MGT > 1,830 F
MGT Start-up Mode Exceedance	1	00:00:00	MGT > 1,700 F for 1 second
MGT Run Limit Start-up Mode Exceedance	0	00:00:00	MGT > 1,490 F for 10 seconds
MGT Transient Run Mode Exceedance	0	00:00:00	MGT > 1,550 F
MGT Run Mode Exceedance	0	00:00:00	MGT > 1,439 F for 6 seconds
MGT Run Limit Run Mode Exceedance	0	00:00:00	MGT > 1,303 F for 300 seconds

Faults

Time	Code	Description
11/13/2016 18:22:00.000	3	N1 Sensor Faulty
11/13/2016 18:22:00.000	4	N2 Sensor Faulty
11/13/2016 18:22:00.000	6	MGT Sensor Faulty
11/12/2016 15:07:00.000	3	N1 Sensor Faulty
11/12/2016 15:07:00.000	4	N2 Sensor Faulty
11/12/2016 15:07:00.000	6	MGT Sensor Faulty
11/12/2016 13:59:25.000	3	N1 Sensor Faulty
11/12/2016 13:59:25.000	4	N2 Sensor Faulty
11/12/2016 13:59:25.000	6	MGT Sensor Faulty
11/10/2016 14:34:32.000	3	N1 Sensor Faulty
11/10/2016 14:34:32.000	4	N2 Sensor Faulty
11/10/2016 14:34:32.000	6	MGT Sensor Faulty
11/07/2016 20:35:12.000	3	N1 Sensor Faulty
11/07/2016 20:35:12.000	4	N2 Sensor Faulty
11/07/2016 20:35:12.000	6	MGT Sensor Faulty
11/07/2016 14:58:10.000	6	MGT Sensor Faulty

11/07/2016 14:58:10.000	3	N1 Sensor Faulty
11/07/2016 14:58:10.000	4	N2 Sensor Faulty
03/29/2016 18:22:46.000	6	MGT Sensor Faulty
03/29/2016 17:33:00.000	4	N2 Sensor Faulty
03/29/2016 17:33:00.000	4	N2 Sensor Faulty
03/29/2016 17:33:00.000	4	N2 Sensor Faulty
03/29/2016 17:32:59.000	4	N2 Sensor Faulty
03/29/2016 17:32:59.000	4	N2 Sensor Faulty
03/29/2016 17:32:59.000	4	N2 Sensor Faulty
03/29/2016 17:32:59.000	4	N2 Sensor Faulty
03/29/2016 17:32:58.000	4	N2 Sensor Faulty
03/29/2016 17:32:58.000	4	N2 Sensor Faulty
03/29/2016 17:32:58.000	4	N2 Sensor Faulty
03/29/2016 17:32:58.000	4	N2 Sensor Faulty
03/29/2016 17:32:57.000	4	N2 Sensor Faulty
03/29/2016 17:32:57.000	4	N2 Sensor Faulty
03/29/2016 17:32:56.000	4	N2 Sensor Faulty
03/29/2016 17:32:56.000	4	N2 Sensor Faulty
03/29/2016 17:32:56.000	4	N2 Sensor Faulty
03/29/2016 17:32:56.000	3	N1 Sensor Faulty
03/29/2016 17:32:56.000	3	N1 Sensor Faulty
03/29/2016 17:32:55.000	4	N2 Sensor Faulty

Incident Records

MGT Start-Up Mode Exceedance (00:01:00)

10/02/2018 13:25:42.000 Duration: 00:01:00

N1 Speed Peak: 63.40887 %
N2 Speed Peak: 55.58136 %
TMOP Peak: 14.55469 psi
MGT Peak: 1725.563 F

N1 Transient Exceedance (00:01:00)

03/29/2016 17:32:25.062 Duration: 00:01:00

N1 Speed Peak: 415.8708 %
N2 Speed Peak: 2882.8 %
TMOP Peak: 2.375 psi
MGT Peak: 86 F

N1 Transient Exceedance (00:03:00)

03/29/2016 17:29:32.000 Duration: 00:03:00

N1 Speed Peak: 507.271 %
N2 Speed Peak: 3011.64 %
TMOP Peak: 2.4375 psi
MGT Peak: 86.25 F

N1 Transient Exceedance (00:04:00)

03/29/2016 17:24:40.000 Duration: 00:04:00

N1 Speed Peak: 461.6166 %

N2 Speed Peak: 2913.965 %
TMOP Peak: 2.4375 psi
MGT Peak: 86.1875 F

N2 Transient Exceedance (00:04:00)

03/29/2016 17:07:53.000 Duration: 00:04:00

N1 Speed Peak: 435.4873 %
N2 Speed Peak: 2778.781 %
TMOP Peak: 2.4375 psi
MGT Peak: 85.6875 F

N1 Transient Exceedance (00:01:00)

03/29/2016 17:04:10.125 Duration: 00:01:00

N1 Speed Peak: 410.9346 %
N2 Speed Peak: 2246.181 %
TMOP Peak: 1.648438 psi
MGT Peak: 85.375 F