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Bend  
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USA

Email distribution:  
[test@test.com](mailto:test@test.com)

Attention: Sample Customer

Operator Code: **TEST**  
(This code can be used for general communication with Jet-Care as well as on trend forms and IECHO GPA™ for identification.)

Contact: Sample Customer  
Telephone: 0123456789  
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Status Notification Reports – Changes from December 2018

From December 2018, as part of our continuous service improvement, all primary contacts will automatically be sent Status Notification Reports (SNR). SNRs are released within 24 hours from data receipt. This report is a simple email to confirm receipt, give the current aircraft/engine trend status, show the last flight date (or download date if flight date unknown), and any current or new comments for the aircraft/engines. Please contact us if you have any queries [admin@jet-care.com](mailto:admin@jet-care.com).

Registration AC. Serial	AC. Make/Model Engine Type	#	Engine	Data Source	Trend Stage	Trends	First	Last	Age of Data (days)	Trend Status	See Comments Page
1 N-TEST 360.001	Shorts 360-300 PWC PT6A-67R	2	1234562	Manual	Cruise	635	20-Jun-2008	22-Mar-2016	994 *	ADVANCED WARNING	Yes

\*If Age of Data is shown in Bold it indicates that the latest flight data is in excess of 90 days old.

## General Comment:

- Advanced Warning Status (ALERT)

As previously reported these trend plots show a progressive increase in both the ITT and WF with decreasing NG. With the latest flight data, as shown, we have now raised the trend status to Advanced Warning. The ITT has increased by a total of + 30°C since the fuel nozzle replacement Nov 2015 with a decrease in NG of approx 1% over the same period. We suspect this indicates degradation of either the compressor or gas generator turbine. The compressor wash, at the end of March / early April, slowed the degradation for a number of flights but the trend change continued at a similar rate.

Recommendation: This change is typical of accelerating turbine erosion or damage and we strongly recommend investigation of the hot section for damage at an early opportunity.



Operator ELECTRONICS INTERNATIONAL INC.  
 Registration N-TEST  
 Aircraft Serial 360.001  
 Engine Position 2  
 Engine Serial 1234562  
 Engine Model PT6A-67R  
 Data Source Cruise - Manual

ADVANCED WARNING

Trend No	Date	Time	Altitude (feet)	Mach/IAS	Air Temp (°C)	Ng(%)	Nh(%)	ITT (°C)	Fuel Flow	NP	Torque
557	19-Oct-2015	00:00	9930	175	13.0	95.00		740	540	1420	3500
559	21-Oct-2015	00:00	9900	176	12.0	95.20		740	540	1420	3500
561	23-Oct-2015	00:00	9990	176	12.0	95.00		735	540	1420	3500
563	27-Oct-2015	00:00	9900	179	10.0	95.20		740	540	1420	3500
565	29-Oct-2015	00:00	9950	172	11.0	95.50		735	535	1420	3500
567	02-Nov-2015	00:00	9980	175	12.0	95.20		740	540	1420	3500
569	04-Nov-2015	00:00	9940	175	14.0	95.00		735	535	1420	3500
571	06-Nov-2015	00:00	9900	172	10.0	95.10		730	540	1420	3500
573	10-Nov-2015	00:00	9900	174	11.0	95.10		740	545	1420	3500
575	12-Nov-2015	00:00	9900	173	12.0	95.40		740	540	1420	3500
577	16-Nov-2015	00:00	9900	176	11.0	94.90		740	545	1420	3500
579	18-Nov-2015	00:00	5000	174	11.0	94.80		740	540	1420	3500
581	20-Nov-2015	00:00	10000	175	13.0	94.80		740	540	1420	3500
583	24-Nov-2015	00:00	9960	173	11.0	94.70		740	540	1424	3500
585	26-Nov-2015	00:00	9910	175	11.0	94.60		740	540	1424	3500
587	30-Nov-2015	00:00	9960	174	12.0	94.00		740	540	1420	3500
589	04-Dec-2015	00:00	8800	165	10.0	98.50		750	560	1425	3760
591	07-Dec-2015	00:00	9900	175	9.0	95.80		750	565	1425	3760
593	09-Dec-2015	00:00	9890	175	11.0	96.00		760	510	1425	3760
595	18-Dec-2015	00:00	9890	180	10.0	95.80		755	550	1425	3760
597	22-Dec-2015	00:00	9870	180	11.0	95.80		760	570	1425	3760
599	24-Dec-2015	00:00	9770	180	11.0	96.20		765	570	1425	3760
601	29-Dec-2015	00:00	9750	180	10.0	95.80		760	570	1425	3760
603	04-Jan-2016	00:00	9900	184	9.0	95.80		755	565	1425	3760
605	06-Jan-2016	00:00	9880	180	9.0	95.90		755	560	1425	3760
607	08-Jan-2016	00:00	9910	180	10.0	96.00		755	630	1425	3760
609	12-Jan-2016	00:00	9840	180	14.0	96.10		770	570	1425	3760
611	26-Jan-2016		10000	182	9	95.60		750	565	1425	3760
613	28-Jan-2016		10000	176	14	95.50		765	550	1425	3580
615	29-Jan-2016	18:10	10000	178	9	95.50		760	550	1425	3620
617	04-Feb-2016	08:40	8000	180	11	95.00		745	575	1425	3760
619	08-Feb-2016	10:05	9000	182	9	95.00		765	565	1425	3760
621	10-Feb-2016	12:09	9000	182	10	95.80		755	560	1425	3760
623	12-Feb-2016	12:15	10000	181	10	95.90		760	565	1425	3760
625	23-Feb-2016	12:04	10000	182	9	95.80		755	570	1425	3760
627	25-Feb-2016	12:15	10000	182	10	95.80		760	565	1425	3760
629	07-Mar-2016	10:13	10000	178	10	95.60		750	570	1425	3760
631	09-Mar-2016	13:26	10000	180	10	95.70		760	570	1425	3760
633	11-Mar-2016	12:34	10000	180	12	95.10		755	560	1425	3608
635	22-Mar-2016	11:39	10000	178	16	95.60		770	550	1425	3575

Jet-Care Trend Plots - Cruise

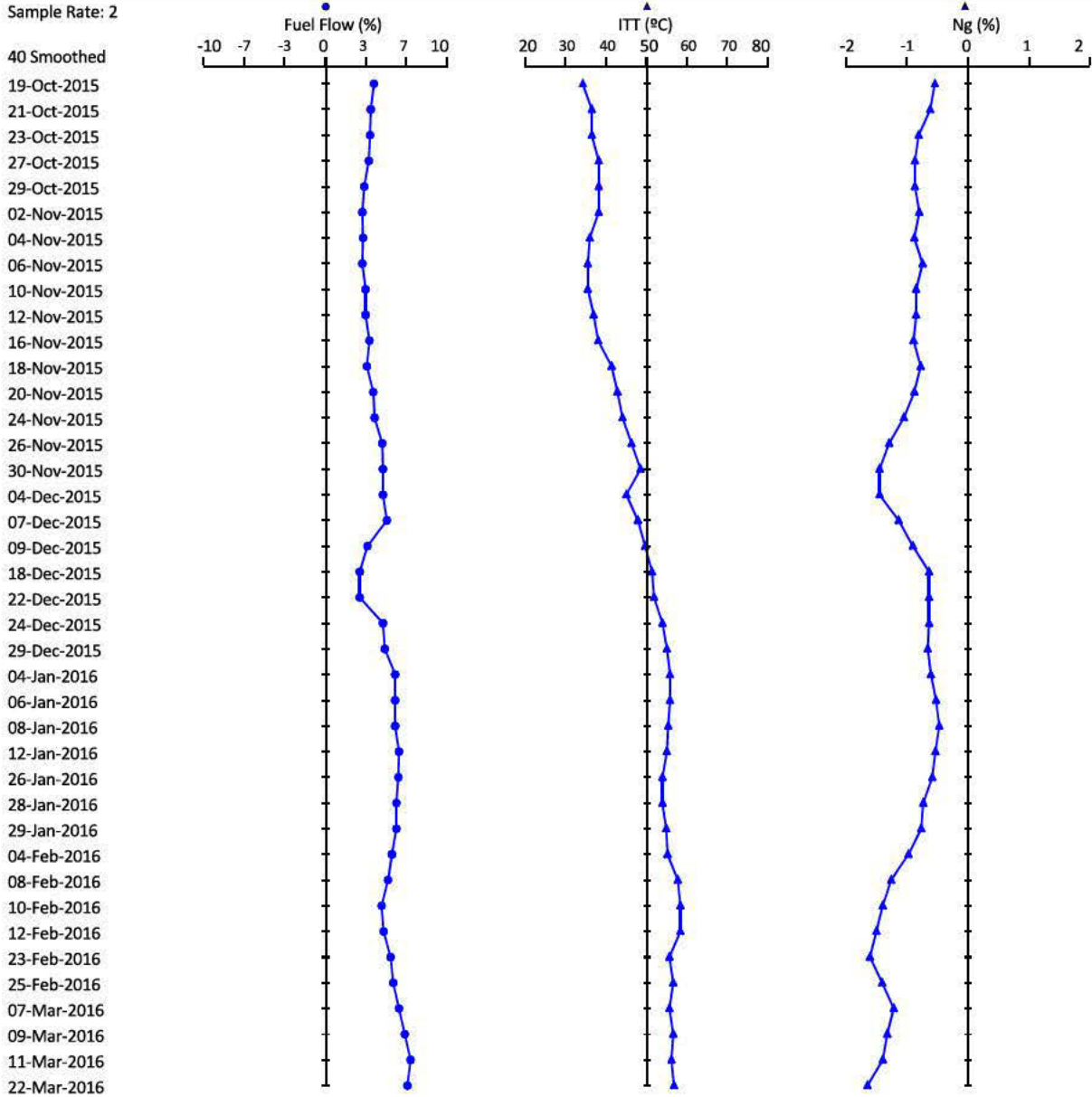
Operator ELECTRONICS INTERNATIONAL INC.  
 Aircraft Registration N-TEST  
 Engine Position 2  
 Engine Serial Number 1234562  
 Engine Model PT6A-67R  
 Data Source Cruise - Manual

ADVANCED WARNING



MARGINS  
 Plots are shown unadjusted.

Sample Rate: 2



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TEST - 18-12-11 - Engine Report - Electronics International Inc.pdf

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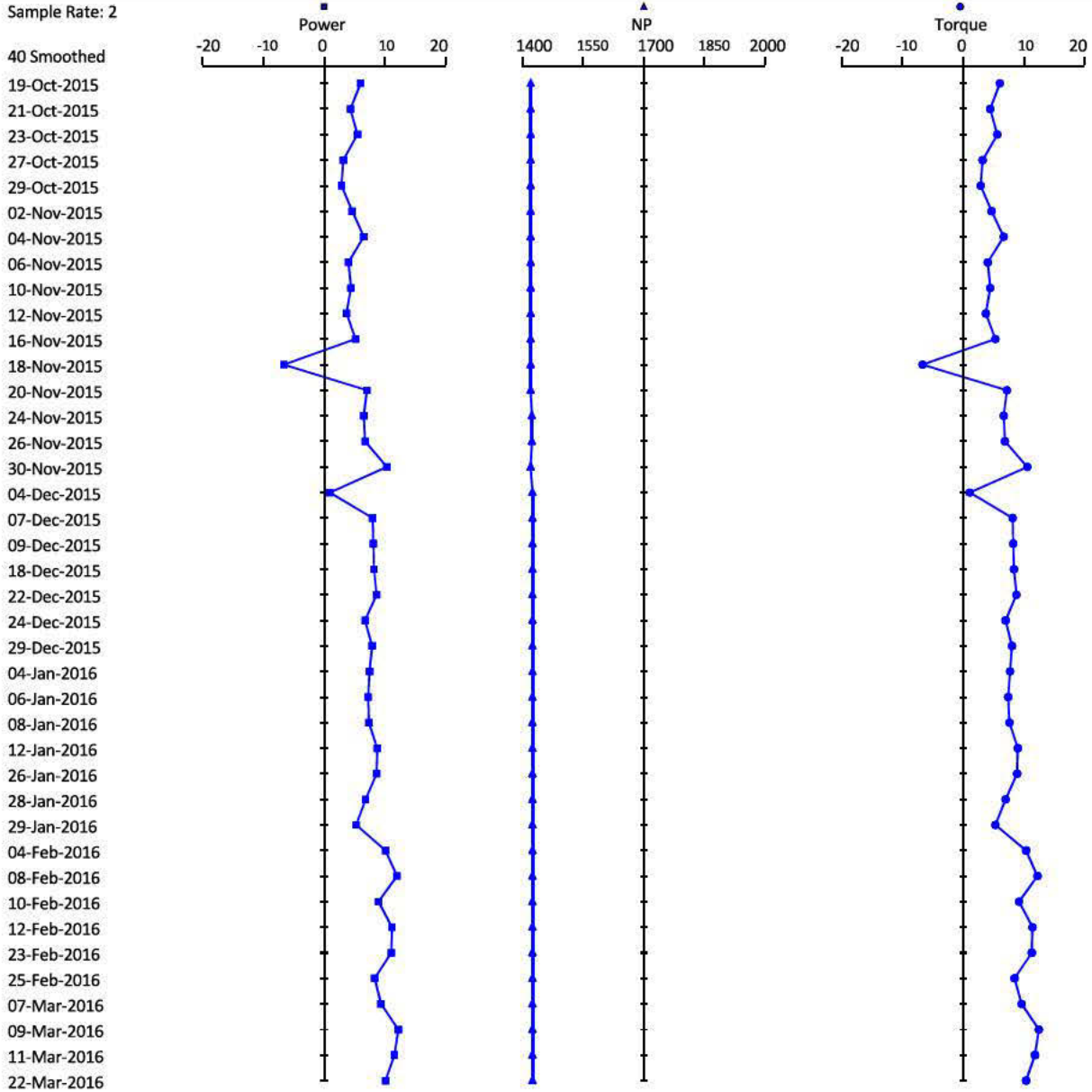
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