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Attention: Chief of Maintenance

Operator Code: **MMM**

(This code can be used for general communication with Jet-Care as well as on trend forms and iECHO GPA™ for identification.)

Contact: Chief of Maintenance

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The Jet-Care team will be at NBAA-BACE 2017 in Las Vegas, NV from October 10th - 12th, 2017. Visit us at Booth # C10825 to talk about the latest Jet-Care have to offer in the most comprehensive engine trend service available, enabling you to trend your entire fleet with one quality provider renowned for its customer service.

We look forward to seeing you in Las Vegas. See <https://www.nbaa.org/events/bace/2017/>

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 N40XR L40.2028	Bombardier Learjet 40	1	1166021	Electronic	Takeoff	1156	30-Apr-2005	04-Oct-2017	2	ADVANCED WARNING	Yes
		1	1166021	Electronic	Cruise	503	30-Apr-2005	04-Oct-2017	2	ADVANCED WARNING	Yes
	HONEYWELL TFE731-20BR-1B	1	1166021	Manual	Cruise	893	25-Jun-2005	01-Oct-2017	5	ADVANCED WARNING	Yes
		2	1166022	Electronic	Takeoff	1071	30-Apr-2005	04-Oct-2017	2	Normal	
		2	1166022	Electronic	Cruise	434	15-Jun-2005	04-Oct-2017	2	Normal	
		2	1166022	Manual	Cruise	894	25-Jun-2005	01-Oct-2017	5	Normal	



Registration: N40XR / Engine # 1: 1166021

- Advanced Warning (Alert)

re: Attached graphs and screen shots

As discussed with your Chief of Maintenance earlier today. The latest data received today (6th) for your subject aircraft #1 engine shows a +25 C increase in the ITT plot with a corresponding decrease in N2 plot of 0.5%. The fuel flow plot also shows a small increase at this time. This change occurred over 11 flights from 25th Sep 2017 and may be continuing. These changes are characteristic of hot section (turbine) damage. We strongly recommend inspection / checks are carried out as soon as possible for signs of engine damage and in particular to the turbine / exhaust sections (hot end inspection) in accordance with the LMM.

Note: We also recommend this inspection is carried out in conjunction and agreement with your engine shop / support facility and your engine service contract provider.