



Equipment Summary

	Operator	Registration	#	Engine	Status	Trend Stage	Data Source	Trends	First	Last	Data Age (days)	Comments?
1	JC1	N40XR	1	116602	Normal	Cruise	Electronic	746	2005-04-30	2023-12-09	9	Yes
			1	116602	Normal	Takeoff	Electronic	1555	2005-05-03	2023-12-09	9	Yes
			1	116602	Normal	Cruise	Manual	1275	2005-06-25	2023-12-08	10	Yes
			2	116603	Normal	Cruise	Electronic	671	2005-06-15	2023-12-09	9	Yes
			2	116603	Normal	Takeoff	Electronic	1471	2005-04-30	2023-12-09	9	Yes
			2	116603	Normal	Cruise	Manual	1276	2005-06-25	2023-12-08	10	Yes

Comments for N40XR

Downloads dated 9th December, trends remain assessed as normal. Please see engine comments re-CAS faults. (12 December 2023)

Comments for N40XR/116602

Information received (email dated 9th December 2023) - Fri 8th Dec, amber CAS L ENGCMPTN FAULT QRH carried out. Then white CAS CHECK L EDS

For your information aside from the code 239 (download DEEC's) the following faults were recorded in the downloads dated 9th December 2023;

Type	Date	Time	Code / Description / Level			
DId Ref	Engine					
Fault Code	2023-12-09	4325:07:35.9	5	N1 Signal Not Reasonable (N1 < 2% when N2 > 45%)	4	22-AB250.222 116602
Fault Code	2023-12-09	4325:07:40.1	1	N1 Monopole Circuit open	4	22-AB250.222
						116602
Fault Code	2023-12-09	4325:07:40.1	239	NOTICE DEEC power cycled after start (2%<N2<40%)	1	22-AB250.222 116602

Maintenance to carry out investigation / replacement of the N1 monopole (email dated 9th Dec). (18 December 2023)

Comments for N40XR/116603

For your information aside from the code 239 (download DEEC's) the following faults were recorded in the downloads dated 9th December 2023;

Type	Date	Time	Code / Description / Level			
DId Ref	Engine					
Fault Code	2023-12-09	4537:54:42	120	WIRING N1 Cross Engine Not Reasonable (N1_XE < 2% when N2 > 45%)	1	16-AW199.248 116603 (12 December 2023)



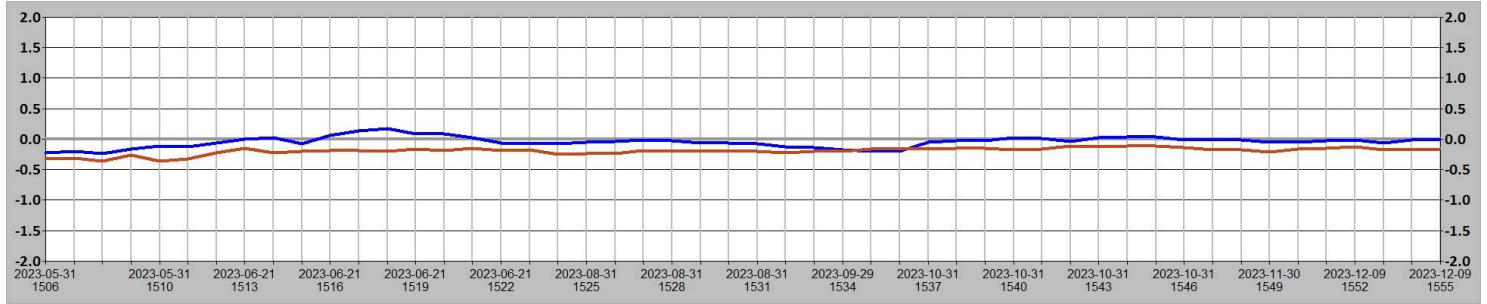
webECHO Trend Graph - N40XR (Learjet 40-L40.2028) - Electronic/Takeoff

Engine 1: 116602 - Normal status

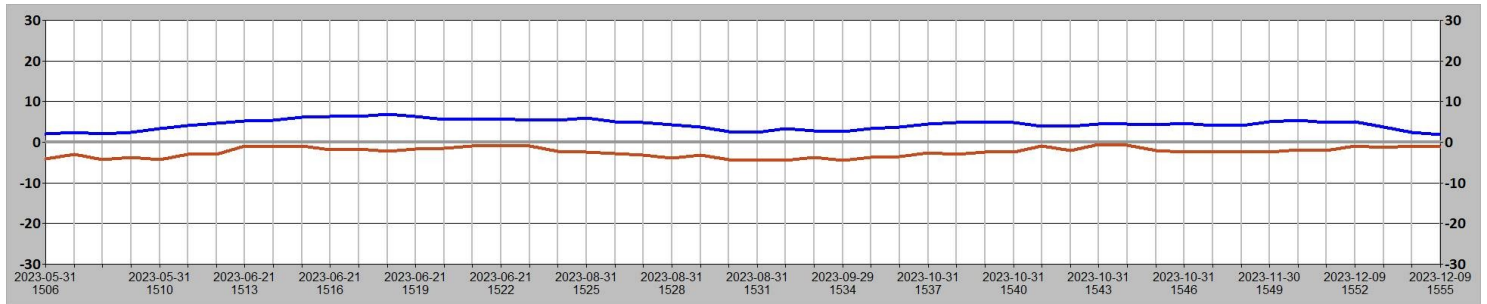
Engine 2: 116603 - Normal status

Vertical engine coloured bars indicate an engine change. Horizontal red lines indicate limits. Horizontal dashed lines indicate engine baselines. Yellow markers indicate anti-ice. Engine colour markers indicate the first data point.

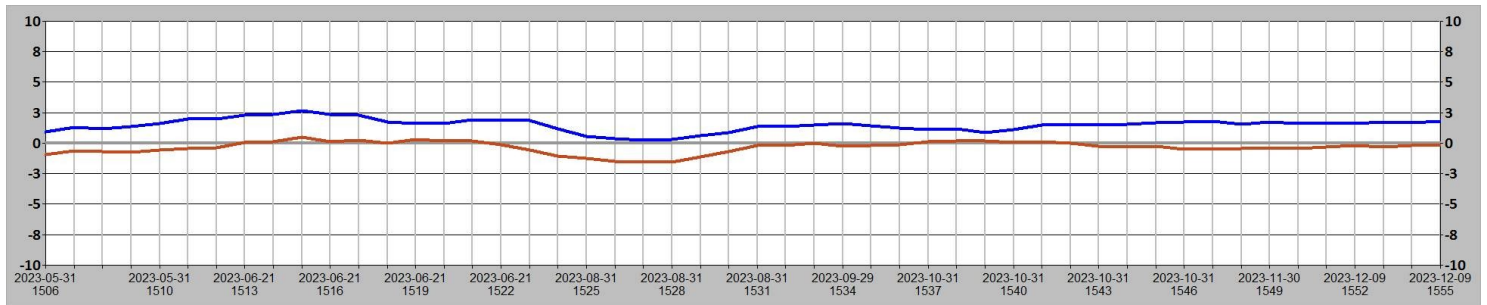
N2 (%)



ITT (° C)



Fuel Flow (pph)





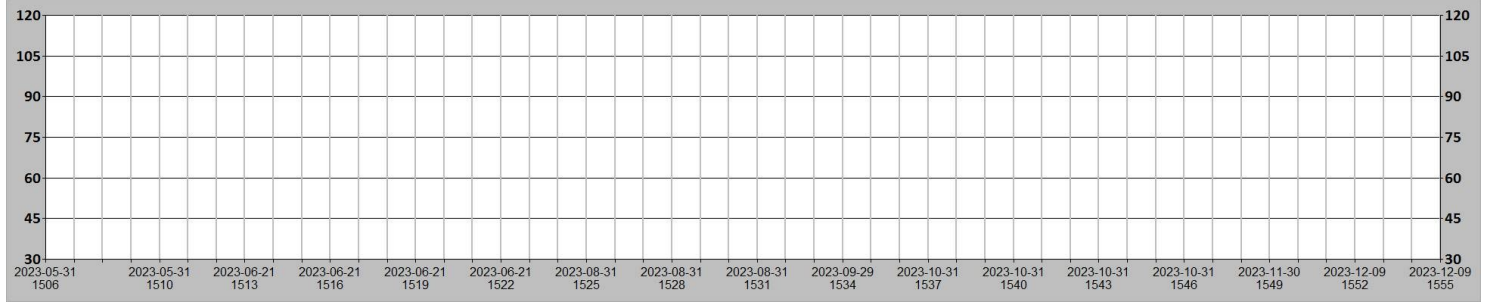
webECHO Trend Graph - N40XR (Learjet 40-L40.2028) - Electronic/Takeoff

Engine 1: 116602 - Normal status

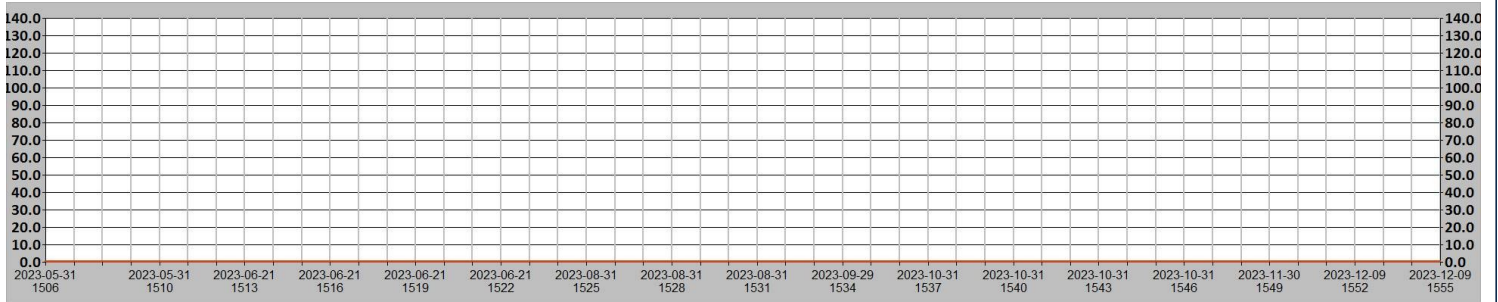
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Oil Temperature (° C)



Oil Pressure (psi)



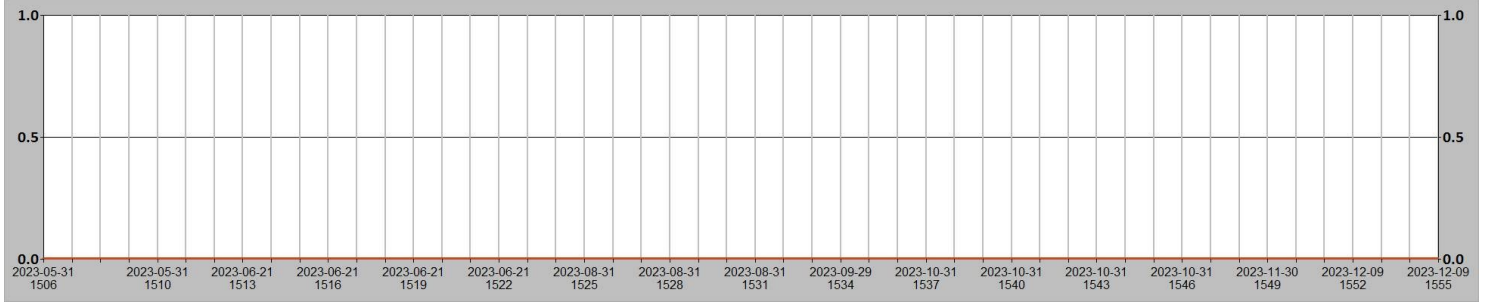


Engine 1: 116602 - Normal status

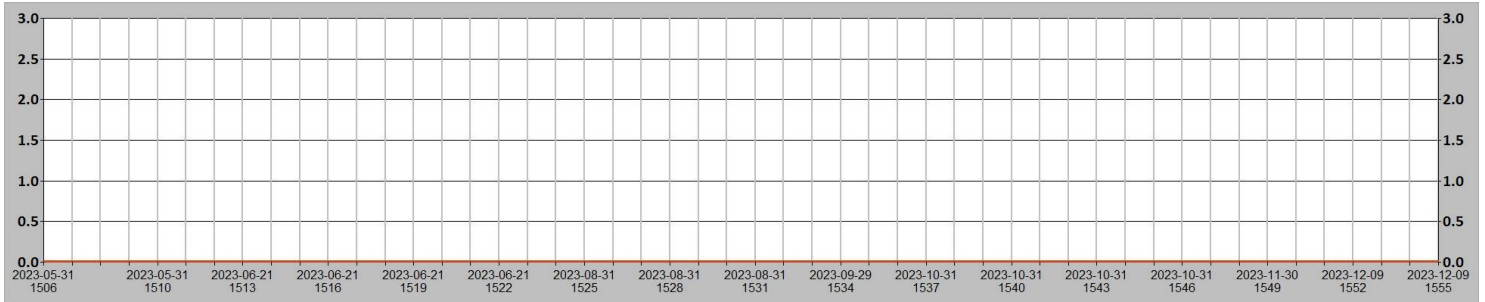
Engine 2: 116603 - Normal status

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Vibration LP (units)



Vibration HP (units)



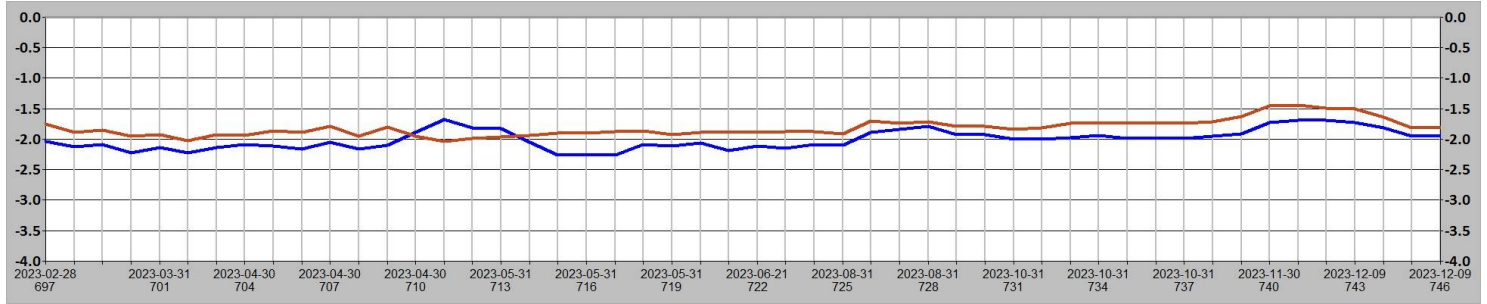


Engine 1: 116602 - Normal status

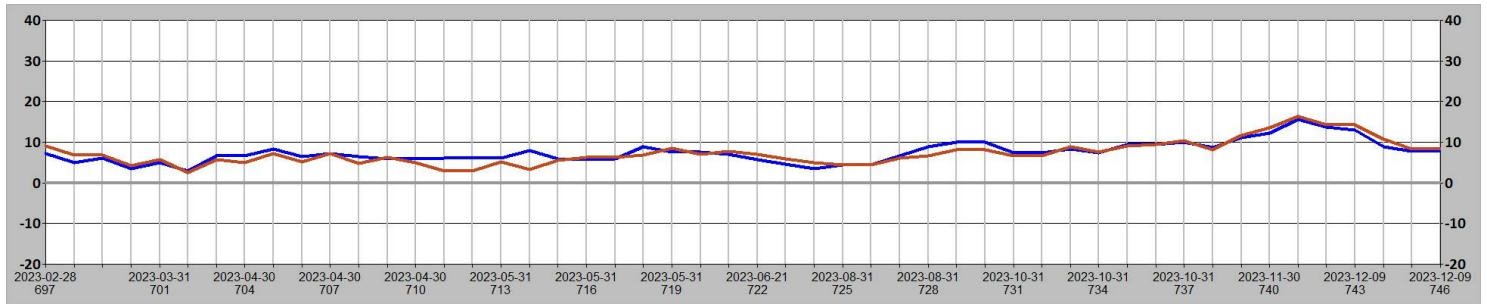
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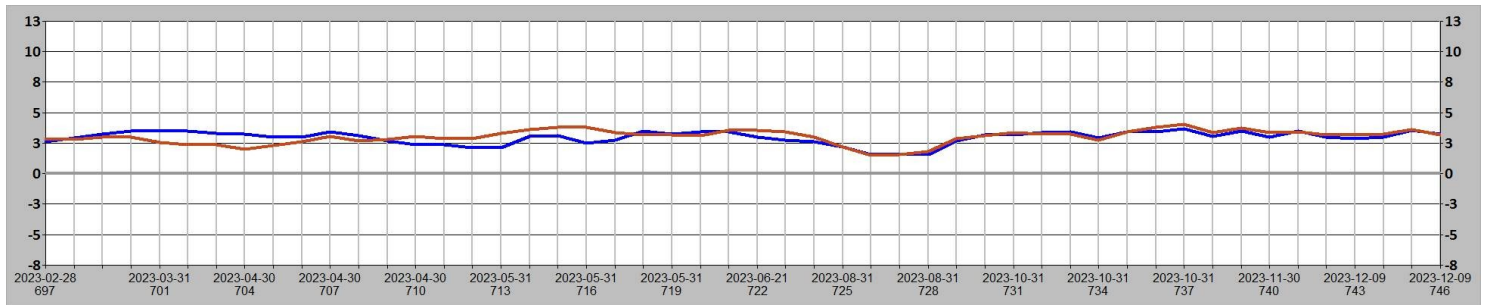
N2 (%)



ITT (° C)



Fuel Flow (pph)



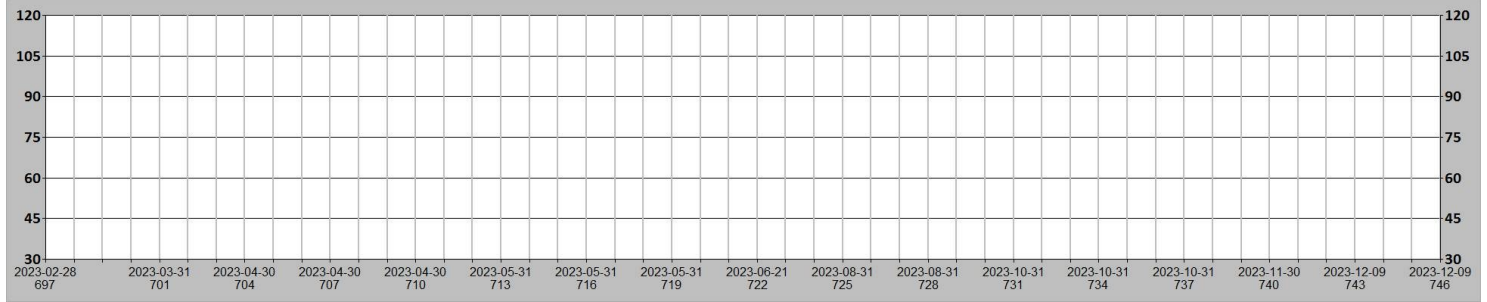


Engine 1: 116602 - Normal status

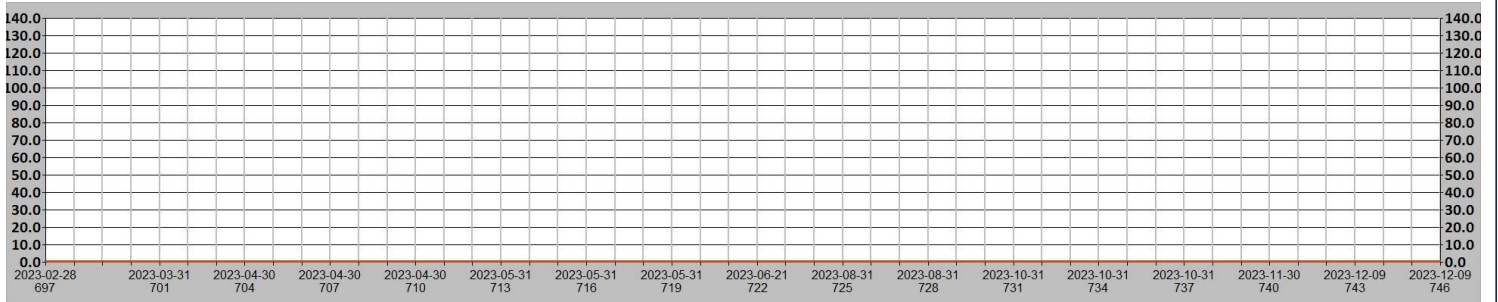
Engine 2: 116603 - Normal status

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Oil Pressure (psi)



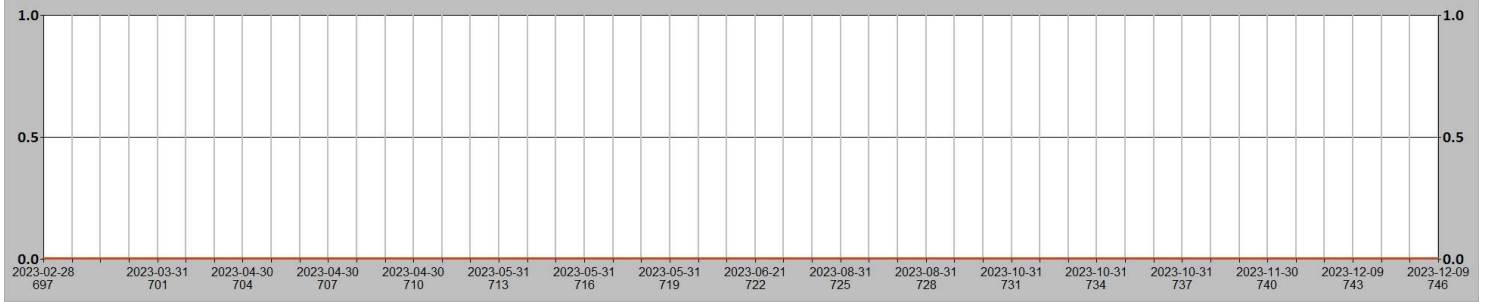


Engine 1: 116602 - Normal status

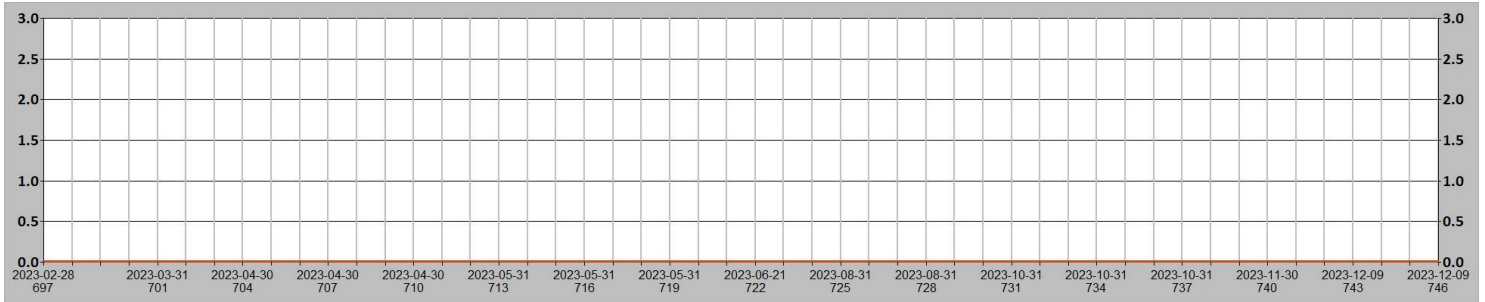
Engine 2: 116603 - Normal status

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Vibration HP (units)





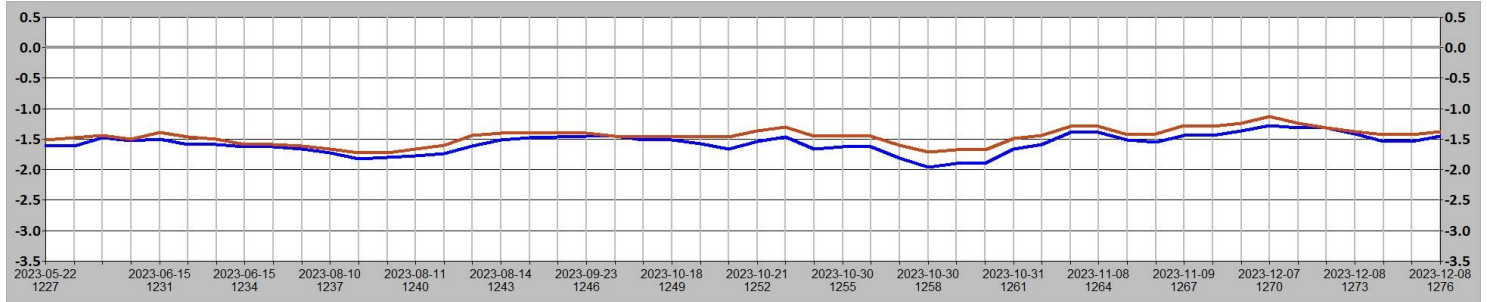
webECHO Trend Graph - N40XR (Learjet 40-L40.2028) - Manual/Cruise

Engine 1: 116602 - Normal status

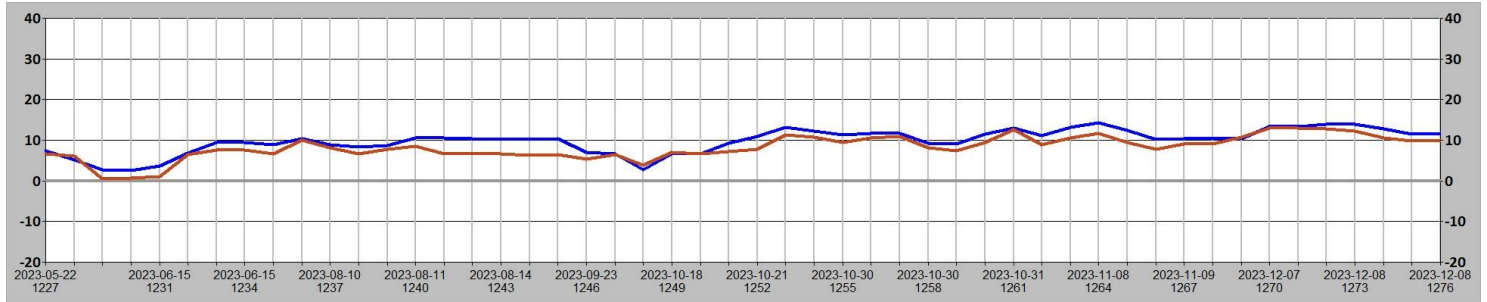
Engine 2: 116603 - Normal status

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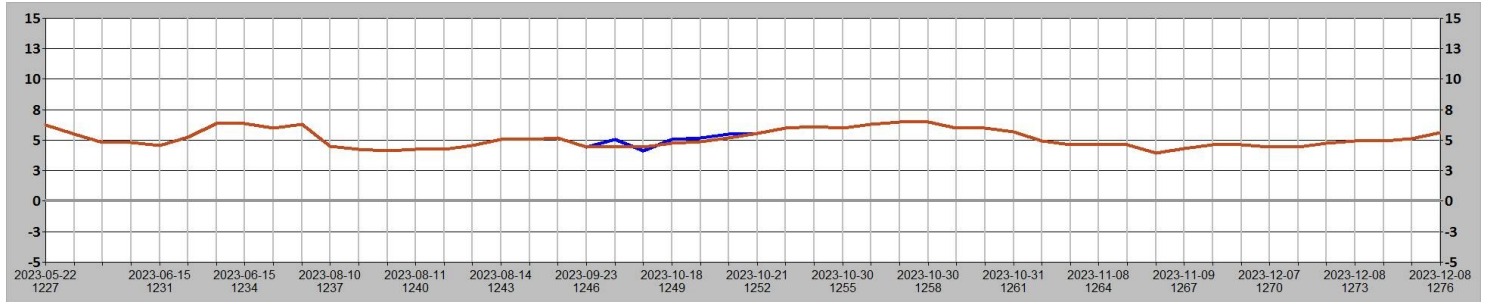
N2 (%)



ITT (° C)



Fuel Flow (pph)





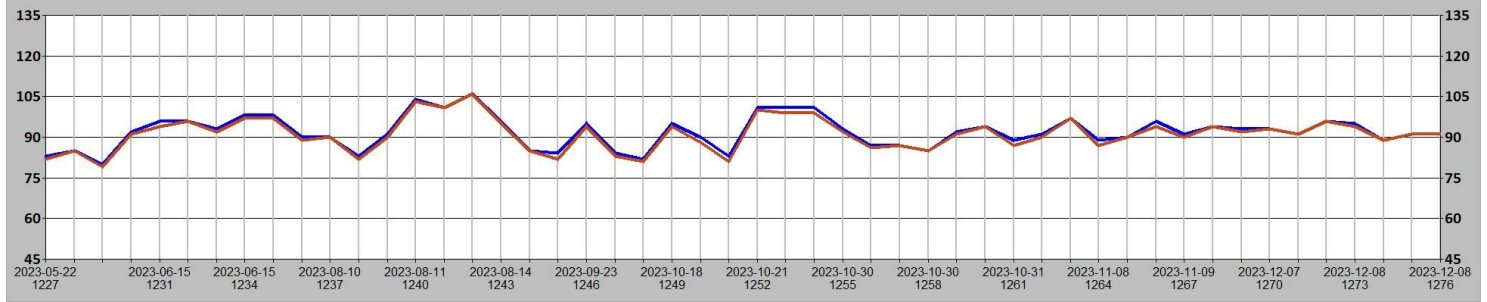
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Engine 1: 116602 - Normal status

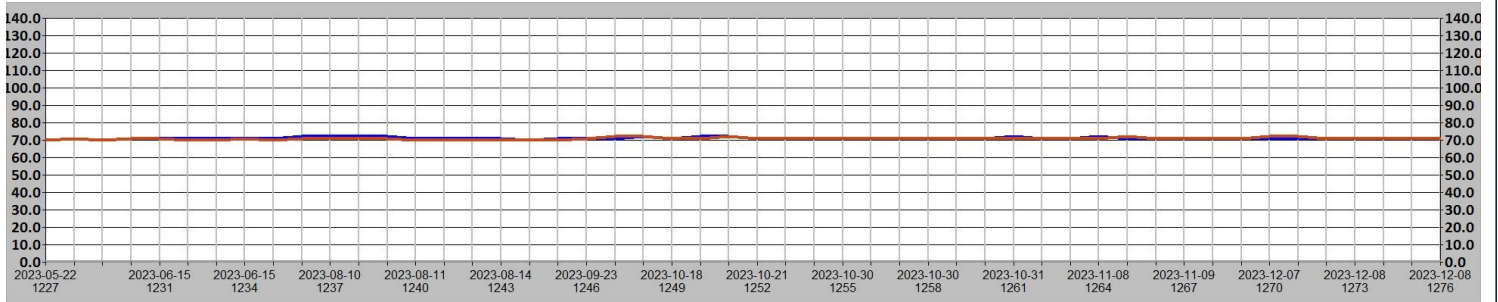
Engine 2: 116603 - Normal status

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Oil Pressure (psi)



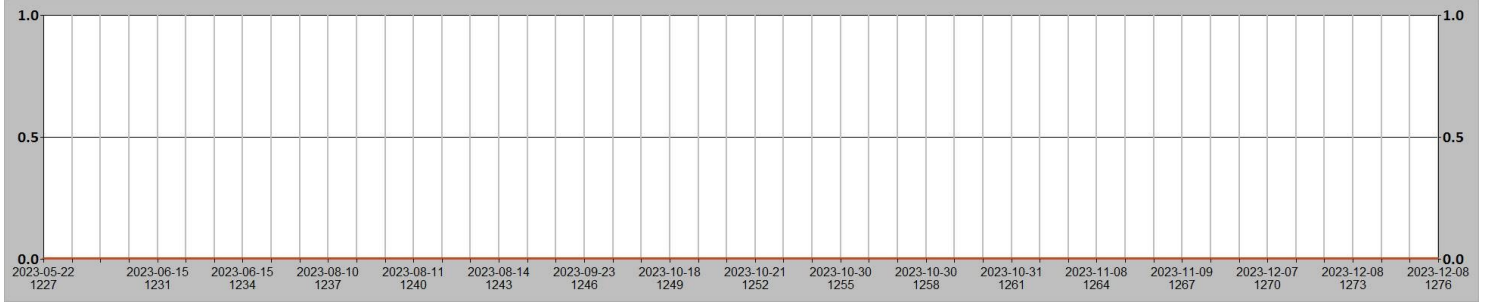


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