

# Av-mail - Flight Summaries emailed direct to your PDA or iPhone

ETMS Data from N531SR for 2008-01-30 20.07.10

Subject: ETMS Data from N531SR for 2008-01-30 20.07.10  
From: support@alakai1.com  
Date: 10:45 AM

Alakai Engine Trend Data Log for N531SR

To review full flight logs, authorized users can view or download  
filename /N531SR/N531SR\_2008-01-30\_20.07.10.txt for flight data  
and download /N531SR/N531SR\_2008-01-30\_20.07.10.kml playback datafile for GoogleEarth Pro

Power-on at 2008-01-30 20.07.10  
Avionics non-essential bus monitoring installed.  
\*\*\* Maintenance alert: Have you checked your oil? It's been 49.2 hours since you last added oil.  
Engine Start at 20:08:44  
Takeoff at 20:14:01  
Takeoff Lat was N 34 4852  
Takeoff Lon was W 082 4227  
Temp at Takeoff: 11  
Peak altitude during flight = 8850  
Temp at Peak Altitude: 3  
Peak True Airspeed during flight = 222  
Peak G-force during flight = 1.3, Min G-force = 0.9, Peak Bank angle = 37.1  
Landing at 22:07:44  
Landing Lat is N 38 2217  
Landing Lon is W 082 3380  
Fuel Used was 20.3  
Temp at Landing: 18

Aircraft # N531SR Serial # 2438 Ending Engine Hours: 979.4 Hours Since Oil Added:49.2 Hours Since Maintenance:49.2

A FOQA Report was created for this flight and sent separately for analysis. There were 6 FOQA events captured.

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Trend warning due to chtmax: avg = 303, Estimated = 303, Trend (next) = 303.... Measured = 342, tolerance = 30

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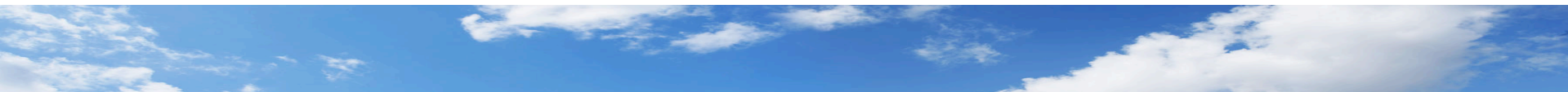
Trend Data for most recent flight where trend conditions were satisfied:

Date	GMT	Press	Dens	OAT	RPM	MAP	Pwr	KTAS	KIAS	GPH	DRich	OilT	OilP	CHTmx	Cyl	CHTmn	Cyl	EGTmx	Cyl	FTP	Cyl	LTP	Cyl
2008-01-30	20.47.23	8717	9609	5	2500	21.60	69.92	171	143	16.90	79	174	49	342	2	306	3	1384	6	1387	5	1465	6

Flight Synopsis= NO\_EXCEED \* ChkEng \* TREND-CHTMAX \* OK \* Rich=79 \* - - \* RED \*  
Log Taken at 79 degrees Rich of Peak

Percent Power at Trend: Interpolated from POH = 69.92 ; Approximated from fuel flow = 71.14  
This is an Aluminum Prop aircraft.  
Fuel flow (actual at Trend) = 16.9; Fuel Flow (POH) = 16.5, FF Difference = 0.4, FF Span (ftp vs ltp) = 0.0  
At trend point, CHTmax = 342, CHTmin = 306, CHTspan = 36, EGTftp = 1387, EGTltp = 1465, EGTspan = -78

--- End of Avmail report ---



# FD-mail - FOQA Summaries emailed direct to your PDA or iPhone

Alakai FOQA Data from N531SR for 2008-01-30 20.07.10

Subject: Alakai FOQA Data from N531SR for 2008-01-30 20.07.10  
From: support@alakai1.com  
Date: 11:07 AM

Alakai FOQA Data Log for N531SR Flight Date: 2008-01-30

To review full flight logs, use fetch or similar ftp client. ftp to alakai.info and view or download /N531SR/N531SR\_2008-01-30\_20.07.10.txt to obtain flight data, and /N531SR/N531SR\_2008-01-30\_20.07.10.kml to obtain the playback datafile for GoogleEarth Pro.

To review performance charts for the most recent 5 flights, navigate your web browser to <http://alakai.info/satsair/N531SR>

Engine Start at 20:08:44  
Takeoff at 20:14:01 Takeoff Lat was N 34 4852 Takeoff Lon was W 082 4227  
Temp at Takeoff: 11  
Peak altitude during flight = 8850 Temp at Peak Altitude: 3  
Peak True Airspeed during flight = 222  
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Landing at 22:07:44 Landing Lat is N 38 2217 Landing Lon is W 082 3380  
Temp at Landing: 18  
Fuel Used was 20.3

Aircraft # N531SR Serial # 2438 Ending Engine Hours: 979.4 Hours Since Oil Added:49.2 Hours Since Maintenance:49.2

FOQA Data Analysis Report: There were 6 FOQA events captured. First occurrence of each event type is shown in the table.

GMT	Event	LAT	LON	Press	Dens	OAT	RPM	MAP	Pwr	KTAS	KIAS	GPH	OilT	OilP	MagHead	Pitch	Bank	VSpeed	VertG	LatG	Flaps	Duration
22:01:55	KIAS>VNO	N 38 1922	W 082 2447	2477	3063	15	2120	20.4	43.4	222	207	13.4	170	49	-1.235	0.057	-0.037	-302	0.95	-0.000	---	7 sec
Reason:	KIAS>VNO	KIAS = 207	Vmax	Stuct	Cruise = 201																	
22:01:55	KIAS>VNE	N 38 1922	W 082 2447	2477	3063	15	2120	20.4	43.4	222	207	13.4	170	49	-1.235	0.057	-0.037	-302	0.95	-0.000	---	7 sec
Reason:	KIAS>VNE	KIAS = 207	Vmax	Never	Exceed = 201																	
22:04:47	RPM>MAX	N 38 2083	W 082 2966	1560	2174	17	2730	13.4	23.9	140	131	7.8	171	48	-1.225	-0.069	-0.080	-808	1.00	-0.000	---	9 sec
Reason:	RPM>MAX	RPM = 2730	MaxLim	= 2720																		

--- End of FDmail report ---

