

N320DK

FLIGHT TEST DATA FORM

1-888-359-4264

NOTE: LSE Plasma III ignition just installed in place of right mag.

FAX

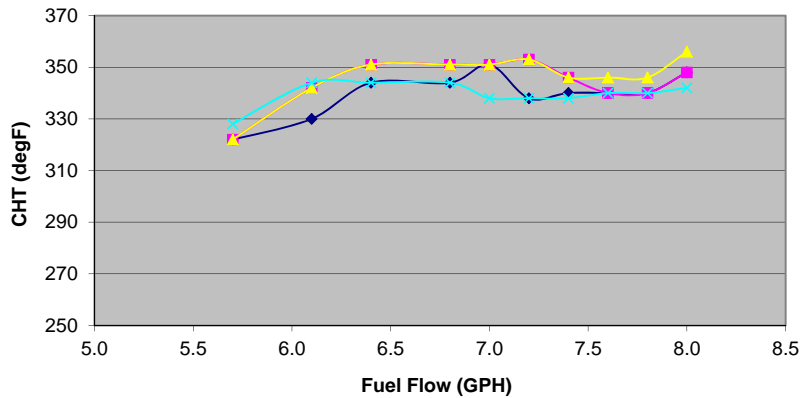
1-580-436-6622

DATE	ENGINE START			TEST START			MP	RPM	PRESS. ALT	OAT	Oil Temp		GEM/JPI	
7/18/2009	TIME	TIME	TIME	18.8	2300	13,300	7C	173F	MODEL	VisionMicro VM1000				
Fuel Flow	EGT 1	CHT 1	EGT 2	CHT 2	EGT 3	CHT 3	EGT 4	CHT 4	EGT 5	CHT 5	EGT 6	CHT 6	TIT	IAS
8.0	1175	348	1211	348	1211	356	1175	342	N/A	N/A	N/A	N/A	N/A	142
7.8	1193	340	1236	340	1228	346	1201	340	N/A	N/A	N/A	N/A	N/A	145
7.6	1209	340	1255	340	1245	346	1219	340	N/A	N/A	N/A	N/A	N/A	145
7.4	1245	340	1292	346	1283	346	1245	338	N/A	N/A	N/A	N/A	N/A	145
7.2	1245	338	1290	353	1281	353	1253	338	N/A	N/A	N/A	N/A	N/A	146
7.0	1281	351	1327	351	1317	351	1230	338	N/A	N/A	N/A	N/A	N/A	149
6.8	1296	344	1336	351	1327	351	1298	344	N/A	N/A	N/A	N/A	N/A	146
6.4	1307	344	1334	351	1334	351	1325	344	N/A	N/A	N/A	N/A	N/A	147
6.1	1288	330	1353	342	1307	342	1344	344	N/A	N/A	N/A	N/A	N/A	144
5.7	1279	322	1305	322	1279	322	1315	328	N/A	N/A	N/A	N/A	N/A	138
									N/A	N/A	N/A	N/A	N/A	

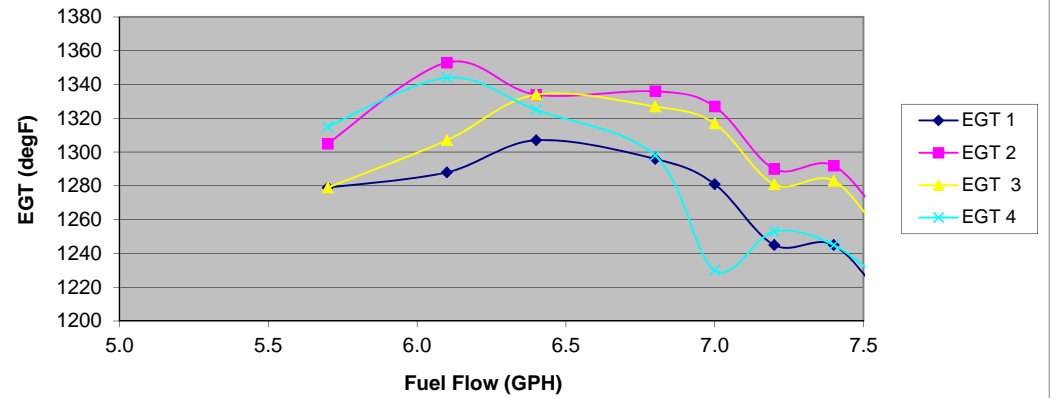
TAS	MPH	NM/gal	MPG	Smoothness
18	21	2.3	2.6	Smooth
185	213	23.7	27.3	Smooth
185	213	24.3	28.0	Smooth
185	213	25.0	28.8	Smooth
186	214	25.8	29.7	Smooth
186	214	26.6	30.6	Smooth
186	214	27.4	31.5	Smooth
187	215	29.2	33.6	Smooth
184	212	30.2	34.7	Smooth
178	205	31.2	35.9	Rough-

#DIV/0! #DIV/0!

CHT vs. Fuel Flow  
18.8" MAP, 2,300RPM  
13,300' PressAlt



EGT vs. Fuel Flow  
18.8" MAP, 2,300RPM  
13,300' PressAlt



NAME: Daniel M. Olsen

A/C TYPE: Lancair 320

ENG. MODEL: Lyc IO-320-D1B, 160HP

EST. GROSS WT.:1,645lbs