LEAVENS BROS. AIR SERVICES LTD.

LOG OF ENGINE TEST

TESTING DATE January 26th, 1948

TEST REPOR.

MFRS. ENG. NO. 4914768

WORK ORDER NO. 227

DYN. CONSTANT

WEATHER Clear

BAROMETER 29.59

TEMPERATURE 24° F

AIRSCREW SERIAL NO.

DRAWING NO. Test

TYPE Club

PITCH

DIAMETER

Time			Power Output				Fuel			Lubrication				
FROM	TO	TIME RUN	R.P.M.	MAX. HEAD TEMP. DEG. F.	CYLINDER NO.	MAN. PRESS.	PRESS LBS.□"	PTS. PER HR.	CARB. TEMP. DEG. F.	PRESS. LBS. □"	IN TEMP. DEG. F.	OUT TEMP. DEG. F.	LBS. OIL ON SCALE	CONSUMPTION PER HOUR
P.M. 1:00	1:30	.30	900	230	2					35	86			
1:30	2:00	.30	1000	266	2					35	90			
2:00	2:30	.30	1100	248	2					35	95			
2:30	3:00	.30	1200	266	2					37	100			
3:00	4:00	.60	1300	302	2					38	104			
4:00	5:00	.60	1400	302	2					38	110			
5:00	5:01	.01	2150	392	2	FULL THROTTLE				40	122			

4 Hrs. 01 Min. ← TOTAL TIME ON TEST

PERFORMANCE CHECK

Idles R.P.M. 600

Slow Acceleration ok

Rapid Acceleration ok

Altitude Control Rich

Min. Oil Press. Lbs. □" 25

Max. Oil Press. Lbs.. □" 40

R.P.M. Both Mags. 2150

R.P.M.—L.H. Mag. Only 2100

R.P.M.—R.H. Dist. Mag. Only 2100

Starter Check NA

Fuel 91 Octane

Oil #60

MODIFICATIONS INCORPORATED AND REMARKS

All modifications checked for being incorporated to date.

Tested By H. Smith

Passed By J Cairns (SHOP INSPECTOR)