



ENGINE IDENT	Lyc O-540-J3C5D	CARBURETOR	Marvel-Schebler
UNIQUE ID NUMBER	PF11	INJECTION NOZZLE	-
ENGINE TYPE	6Cyl. 4Stroke Air Cooled	RATED POWER (Poo) (HP)	235
PROPELLER TYPE	MCC B2D34C214		

DATA STATUS

x EMISSION INVENTORY  
PRE-REGULATION  
CERTIFICATION  
REVISED

TEST ENGINE STATUS

x NEWLY MANUFACTURED ENG.  
USED ENGINE  
DEDICATED TO PRODUCTION  
OTHER (SEE REMARKS)

MEASUREMET STATUS

x GROUND BASED FIXED PITCH PROP  
GROUND BASED VARIABLE PITCH PROP

CURRENT ENGINE STATUS

x IN PRODUCTION  
OUT OF PRODUCTION  
OUT OF SERVICE

EMISSIONS STATUS

x DATA CORRECTED TO REFERENCE TEMPERATURE  
DATA CORRECTED TO REFERENCE (ANNEX 16 VOLUME II)  
V5 CALCULATION METHODOLOGY VERSION NUMBER

MEASURED DATA

MODE	POWER SETTING (%)	TIME (minutes)	FUEL FLOW (kg/s)	EI HC (g/kg)	EI CO (g/kg)	EI NOx (g/kg)	PM (...)
TAKE-OFF	100	0.3	0.0166	20	1327	1	
CLIMB OUT	85	2.5	0.014	22	1227	1	
CRUISE	65	60	-	-	-	-	
APPROACH	45	3	0.0066	51	1425	0	
TAXI	12	12	0.0016	32	1210	0	
CRUISE LEAN	65	60	0.009	12	498	20	
LTO TOTAL FUEL (kg) or EMISSIONS (g)			4.74	150	6060	3	
CRUISE 1 HOUR FUEL (kg) or EMISSIONS (g)			32.4	384	16148	637	
NUMBER OF TESTED ENGINES			1	1	1	1	
NUMBER OF TESTS			3	3	3	3	

ATMOSPHERIC CONDITIONS

BAROMETER QNH (hPa) 1019  
TEMPERATURE (°C) 19  
DEW POINT (°C) 15  
DENSITY ALTITUDE (ft) 2388

FUEL

SPEC AVGAS 100LL  
HC C7H13

MANUFACTURER:

TEST ORGANIZATION: FOCA  
TEST LOCATION: LSZB  
TEST DATES: 20. Jun 06

REFERENCE:

33-05-003 groundmeasurement75.carburated.  
constantspeed.V5.HBCHB.060614\_rit  
Expert: T. Rindlisbacher

REMARKS:

Fuel flow from engine performance chart