



ENGINE IDENT	Lyc O-360-A3A	CARBURETOR	MA-4-5
UNIQUE ID NUMBER	PF02	INJECTION NOZZLE	-
ENGINE TYPE	4Cyl. 4Stroke Air cooled	RATED POWER (P <sub>oo</sub> ) (HP)	180
PROPELLER TYPE	Sensenich 76M8S5-0-58		

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	0.012	15.3	1132	3	
CLIMB OUT	85	2.5	0.0102	12.9	933	5	
CRUISE	65	60	0.0078	12.1	818	10	
APPROACH	45	3	0.0054	16.4	1069	2	
TAXI	12	12	0.0016	27.4	1058	1	
CRUISE LEAN	65	60	0.0064	8.5	293	39	
LTO TOTAL FUEL (kg) or EMISSIONS (g)			3.87	70.5	3930	12	
CRUISE 1 HOUR FUEL (kg) or EMISSIONS (g)			23.0	197	6743	903	
NUMBER OF TESTED ENGINES			1	1	1	1	
NUMBER OF TESTS			3	3	3	3	

ATMOSPHERIC CONDITIONS

BAROMETER QNH (hPa) 1020  
TEMPERATURE (°C) 7  
DEW POINT (°C) 6  
DENSITY ALTITUDE (ft) 915

FUEL

SPEC AVGAS 100LL  
HC C7H13

MANUFACTURER:

TEST ORGANIZATION: FOCA  
TEST LOCATION: LSZB  
TEST DATES: 18. Okt 05

REFERENCE:

33.05-003 groundmeasurement55.carburated.  
fixprop.V5.HBEYS\_051018\_rit  
Experts: W.Bula/T. Rindlisbacher

REMARKS: