



ENGINE IDENT	Rotax 912	CARBURETOR	Bing
UNIQUE ID NUMBER	PF06	INJECTION NOZZLE	-
ENGINE TYPE	4Cyl. 4Stroke Water Cooled	RATED POWER (P _{oo}) (HP)	80
PROPELLER TYPE	DUC 3-Blade		

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	0.0042	11.8	232	43	
CLIMB OUT	85	2.5	0.0036	8.5	85	54	
CRUISE	75	60	0.0028	6.7	38	47	
APPROACH	45	3	0.0018	49.4	1156	1	
TAXI	12	12	0.0006	58.6	1161	0	
CRUISE LEAN	65	60	0.0024	7.7	126	28	
LTO TOTAL FUEL (kg) or EMISSIONS (g)			1.37	46.8	940	33	
CRUISE 1 HOUR FUEL (kg) or EMISSIONS (g)			8.64	66.5	1090	243	
NUMBER OF TESTED ENGINES			1	1	1	1	
NUMBER OF TESTS			3	3	3	3	

ATMOSPHERIC CONDITIONS

BAROMETER QNH (hPa) 1024
TEMPERATURE (°C) 15
DEW POINT (°C) 10
DENSITY ALTITUDE (ft) 3288

FUEL

SPEC MOGAS
HC C7H13

MANUFACTURER:

TEST ORGANIZATION: FOCA
TEST LOCATION: LF2553 France
TEST DATES: 08. Jun 06

REFERENCE:

33-05-003 groundmeasurement73.carburated.
fixprop.V5.Rotax912_060608_rit
Expert: T. Rindlisbacher

REMARKS:

No manual mixture control