



ENGINE IDENT	Rotax582 DCDI	CARBURETOR	Bing
UNIQUE ID NUMBER	PF09	INJECTION NOZZLE	-
ENGINE TYPE	2 Cyl. 2-Stroke Water cooled	RATED POWER (P _{oo}) (HP)	64
PROPELLER TYPE	DUC 3-Blade Carbon 68", 17°		

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	0.004	380	826	4	
CLIMB OUT	85	2.5	0.0036	404	1047	1	
CRUISE	65	60	0.0026	495	903	1	
APPROACH	45	3	0.0016	481	803	1	
TAXI	12	12	0.0006	443	515	0	
CRUISE LEAN	65	60	0.0026	495	903	1	
LTO TOTAL FUEL (kg) or EMISSIONS (g)			1.3	575	1078	1	
CRUISE 1 HOUR FUEL (kg) or EMISSIONS (g)			9.4	4631	8449	9	
NUMBER OF TESTED ENGINES			1	1	1	1	
NUMBER OF TESTS			1	1	1	1	

ATMOSPHERIC CONDITIONS

BAROMETER QNH (hPa) 1016
TEMPERATURE (°C) 16
DEW POINT (°C) 1
DENSITY ALTITUDE (ft) 2100

FUEL

SPEC Leadfree 95
HC C7H13

MANUFACTURER:

TEST ORGANIZATION: FOCA
TEST LOCATION: LSZB
TEST DATES: 26. Jan 00

REFERENCE:

groundmeasurement0.carburated.fixprop.V5
ROTAX582_060807_rit
Expert: T. Rindlisbacher

REMARKS:

Fuel flows estimated. No manual mixture control