ENGINE IDENTIFICATION:	CFM56-5B7/P	BYPASS RATIO:	5.9
UNIQUE ID NUMBER:	6CM044	PRESSURE RATIO (π_{oo}):	27.69
ENGINE TYPE:	TF	RATED OUTPUT (F_{oo}) (kN):	120.11

REGULATORY DATA

CHARACTERISTIC VALUE:	HC	CO	NOx	SMOKE NUMBER
D_p/F_{oo} (g/kN) or SN	10.4	42.1	54.6	6.9
AS % OF ORIGINAL LIMIT	53.2 %	35.7 %	57.2 %	30.7 %
AS % OF CAEP/2 LIMIT (NOx)			71.5 %	
AS % OF CAEP/4 LIMIT (NOx)			86.2 %	
AS % OF CAEP/6 LIMIT (NOx)			97.9 %	
AS % OF CAEP/8 LIMIT (NOx)			116.5 %	

DATA STATUS

-    PRE-REGULATION
- x   CERTIFICATION
-    REVISED (SEE REMARKS)

TEST ENGINE STATUS

- x   NEWLY MANUFACTURED ENGINES
-    DEDICATED ENGINES TO PRODUCTION STANDARD
-    OTHER (SEE REMARKS)

EMISSIONS STATUS

- x   DATA CORRECTED TO REFERENCE
  (ANNEX 16 VOLUME II)

CURRENT ENGINE STATUS

(IN PRODUCTION, IN SERVICE UNLESS OTHERWISE NOTED)
- x   OUT OF PRODUCTION (DATE: -)
-    OUT OF SERVICE

MEASURED DATA

MODE	POWER SETTING (%F_{oo})	TIME minutes	FUEL FLOW kg/s	EMISSIONS INDICES (g/kg) HC	CO	NOx	SMOKE NUMBER
TAKE-OFF	100	0.7	1.132	0.2	0.9	28	5.4
CLIMB OUT	85	2.2	0.935	0.2	0.9	23.2	4.1
APPROACH	30	4.0	0.312	0.5	2.3	10	0.2
IDLE	7	26.0	0.104	4.6	23.4	4.3	0.5
LTO TOTAL FUEL (kg) or EMISSIONS (g)			408	818	4123	5641	-
NUMBER OF ENGINES				1	1	1	1
NUMBER OF TESTS				3	3	3	3
AVERAGE D_p/F_{oo} (g/kN) or AVERAGE SN (MAX)				6.77	34.33	47.06	5.4
SIGMA (D_p/F_{oo} in g/kN, or SN)				-	-	-	-
RANGE (D_p/F_{oo} in g/kN, or SN)				-	-	-	-

ACCESSORY LOADS

POWER EXTRACTION	0	(kW)	AT -	POWER SETTINGS	
STAGE BLEED	0	% CORE FLOW	AT -	POWER SETTINGS	

ATMOSPHERIC CONDITIONS

BAROMETER (kPa)	98.2 - 99.6
TEMPERATURE (K)	281.5 - 283.6
ABS HUMIDITY (kg/kg)	.0065 - .0075

FUEL

SPEC	Jet A
H/C	1.92
AROM (%)	19

MANUFACTURER:	GE
TEST ORGANIZATION:	CFM56-5B Eval Engineering
TEST LOCATION:	Techspace-Aero, Liege, Belgium
TEST DATES:	FROM Nov 95 TO -

REMARKS

1. FAA Certification Report CR0797/P, June 95.
2. Engine S/N 779-194/1

If REVISED, this data supersedes databank UID
Compliance with fuel venting requirements: 0   ('x' if complies, PR if pre-regulation)