

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

FOKKER F28

**Type Certificate Holder:
Fokker Services b.v.**

P.O. Box 231
2150 AE Nieuw-Vennep – THE NETHERLANDS

For models : F28 Mark 0070
F28 Mark 0100
F28 Mark 1000
F28 Mark 2000
F28 Mark 3000
F28 Mark 4000

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Type Certificate Holder* **Fokker Services b.v.** Aircraft Type Designation* **F28 Mark 0070**
 Engine Manufacturer* **Rolls-Royce** Engine Type Designation* **Tay 620-15**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A3779	41.730	36.740	89,5	94,7	80,1	89,0	88,3	98,6
A3778	39.915	36.740	89,6	94,5	78,8	89,0	88,3	98,4
A3777	38.100	36.740	89,8	94,3	77,7	89,0	88,3	98,3
A3776	37.995	36.740	89,8	94,3	77,6	89,0	88,3	98,3
A3775	37.995	34.020	89,8	94,3	77,6	89,0	87,7	98,3
A3774	36.740	34.020	89,9	94,2	76,9	89,0	87,7	98,2

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Fokker Services b.v.** Aircraft Type Designation* **F28 Mark 0100**
 Engine Manufacturer* **Rolls-Royce** Engine Type Designation* **Tay 620-15**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A3771	44.450	39.915	89,2	94,9	84,4	89,0	93,4	98,8
A10196	43.995	39.915	89,2	94,9	84,1	89,0	93,4	98,8
A3770	43.995	38.780	89,2	94,9	84,1	89,0	93,1	98,8
A3768	43.090	38.780	89,3	94,8	83,4	89,0	93,1	98,7
A3767	41.995	39.915	89,6	94,7	82,9	89,0	93,4	98,6

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder * **Fokker Services b.v.** Aircraft Type Designation * **F28 Mark 0100**
 Engine Manufacturer * **Rolls-Royce** Engine Type Designation * **Tay 650-15**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels * **None**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter * **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
A3773	45.810	39.915	91,6	95,0	82,7	89,0	93,0	98,9
A3772	44.450	39.915	91,7	94,9	81,8	89,0	93,0	98,8
A3769	43.090	38.780	91,8	94,8	80,7	89,0	92,7	98,7
A10185	41.995	39.915	91,9	94,7	80,7	89,0	93,0	98,6
A3766	40.995	39.915	92,0	94,6	80,7	89,0	93,0	98,5

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Fokker Services b.v.** Aircraft Type Designation* **F28 Mark 1000**
 Engine Manufacturer* **Rolls-Royce** Engine Type Designation* **RB 183 Mk 555-15**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **SB No. 51-23 (Increase of MTOW and MLW)**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 1** Chapter* **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A13486	30.164	26.762	99,5	102,0	91,6	93,0	100,5	102,0
A13487	29.484	26.762	96,6	102,0	90,6	93,0	100,5	102,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Fokker Services b.v.**

Aircraft Type Designation* **F28 Mark 1000**

Engine Manufacturer* **Rolls-Royce**

Engine Type Designation* **RB 183 Mk 555-15N**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels*

SB No. 71-9 and SB No. 51-23 (Engine installation and increase of MTOW and MLW)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 1**

Chapter* **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A13488	30.164	26.762	99,5	102,0	91,6	93,0	100,5	102,0
A13489	29.484	26.762	96,6	102,0	90,6	93,0	100,5	102,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder * **Fokker Services b.v.**

Aircraft Type Designation * **F28 Mark 1000**

Engine Manufacturer * **Rolls-Royce**

Engine Type Designation * **RB 183 Mk 555-15P**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels *

SB No. 71-12 and SB No. 51-23 (Engine installation and increase of MTOW and MLW)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 1**

Chapter * **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
A13490	30.164	26.762	99,5	102,0	91,6	93,0	100,5	102,0
A13491	29.484	26.762	96,6	102,0	90,6	93,0	100,5	102,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Fokker Services b.v.** Aircraft Type Designation* **F28 Mark 2000**
 Engine Manufacturer* **Rolls-Royce** Engine Type Designation* **RB 183 Mk 555-15**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 1** Chapter* **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A13492	29.484	26.762	96,6	102,0	90,9	93,0	101,1	102,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Fokker Services b.v.**

Aircraft Type Designation* **F28 Mark 2000**

Engine Manufacturer* **Rolls-Royce**

Engine Type Designation* **RB 183 Mk 555-15N**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **SB No. 71-9 (Engine installation)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 1** Chapter* **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A13493	29.484	26.762	96,6	102,0	90,9	93,0	101,1	102,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Fokker Services b.v.** Aircraft Type Designation* **F28 Mark 3000**
 Engine Manufacturer* **Rolls-Royce** Engine Type Designation* **RB 183 Mk 555-15H**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3** Chapter* **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A13495	32.205	29.030	95,7	102,0	87,6	93,0	99,4	102,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Fokker Services b.v.** Aircraft Type Designation* **F28 Mark 3000**
 Engine Manufacturer* **Rolls-Royce** Engine Type Designation* **RB 183 Mk 555-15H**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **SB No. 51-15 (Increase of MTOW)**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3** Chapter* **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A13494	33.112	29.030	95,8	102,0	87,9	93,0	99,4	102,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Fokker Services b.v.** Aircraft Type Designation* **F28 Mark 4000**
 Engine Manufacturer* **Rolls-Royce** Engine Type Designation* **RB 183 Mk 555-15H**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3** Chapter* **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A13499	32.205	29.030	95,7	102,0	87,6	93,0	99,9	102,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Fokker Services b.v.**

Aircraft Type Designation* **F28 Mark 4000**

Engine Manufacturer* **Rolls-Royce**

Engine Type Designation* **RB 183 Mk 555-15H**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **SB No. 51-17 (Increase of MLW)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3** Chapter* **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A13498	32.205	29.846	95,7	102,0	87,6	93,0	99,4	102,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Fokker Services b.v.**

Aircraft Type Designation* **F28 Mark 4000**

Engine Manufacturer* **Rolls-Royce**

Engine Type Designation* **RB 183 Mk 555-15H**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **SB No. 51-15 (Increase of MTOW)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3** Chapter* **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A13497	33.112	29.030	95,8	102,0	87,9	93,0	99,9	102,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Fokker Services b.v.**

Aircraft Type Designation* **F28 Mark 4000**

Engine Manufacturer* **Rolls-Royce**

Engine Type Designation* **RB 183 Mk 555-15H**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **SB No. 51-15 and SB No. 51-17 (Increase of MTOW and MLW)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3** Chapter* **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A13496	33.112	29.846	95,8	102,0	87,9	93,0	99,4	102,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Fokker Services b.v.**

Aircraft Type Designation* **F28 Mark 4000**

Engine Manufacturer* **Rolls-Royce**

Engine Type Designation* **RB 183 Mk 555-15P**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels*

SB No. 71-8, SB No. 51-15 (Engine installation and Increase of MTOW)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3**

Chapter* **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
A13502	33.112	29.030	95,6	102,0	86,4	93,0	101,0	102,0

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder * **Fokker Services b.v.**

Aircraft Type Designation * **F28 Mark 4000**

Engine Manufacturer * **Rolls-Royce**

Engine Type Designation * **RB 183 Mk 555-15P**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels*

SB No. 71-8, SB No. 51-15 and SB No. 51-17 (Engine installation and increase of MTOW and MLW)

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3**

Chapter * **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
A13500	33.112	31.525	95,6	102,0	86,4	93,0	100,6	102,0
A13501	33.112	29.846	95,6	102,0	86,4	93,0	100,8	102,0

* Items so marked shall be included on EASA Form 45.

Change Record

Issue	Date	Changes
Issue 1		Initial Issue
Issue 2	22 January 2010	Added Records A13487 to A13503
Issue 3	23 August 2010	Added Records A10185 and A10196, Revised Record A3766