



***European Aviation Safety Agency***

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**EASA**

**TYPE-CERTIFICATE  
DATA SHEET FOR NOISE**

**No. EASA.A.037**

**for**

**FOKKER F28**

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

Hoeksteen 40  
2132 MS Hoofddorp  
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<sup>1</sup> **Fokker Services b.v.** Aircraft Type Designation<sup>1</sup> **F28 Mark 0070**

Engine Manufacturer<sup>1</sup> **Rolls-Royce** Engine Type Designation<sup>1</sup> **Tay 620-15**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup> **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter<sup>1</sup> **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A3779	<b>41,730</b>	<b>36,740</b>	<b>89.5</b>	<b>94.7</b>	<b>80.1</b>	<b>89.0</b>	<b>88.3</b>	<b>98.6</b>	-
A3778	<b>39,915</b>	<b>36,740</b>	<b>89.6</b>	<b>94.5</b>	<b>78.8</b>	<b>89.0</b>	<b>88.3</b>	<b>98.4</b>	-
A3777	<b>38,100</b>	<b>36,740</b>	<b>89.8</b>	<b>94.3</b>	<b>77.7</b>	<b>89.0</b>	<b>88.3</b>	<b>98.3</b>	-
A17902	<b>38,100</b>	<b>35,830</b>	<b>89.8</b>	<b>94.3</b>	<b>77.7</b>	<b>89.0</b>	<b>88.1</b>	<b>98.3</b>	-
A3776	<b>37,995</b>	<b>36,740</b>	<b>89.8</b>	<b>94.3</b>	<b>77.6</b>	<b>89.0</b>	<b>88.3</b>	<b>98.3</b>	-
A3775	<b>37,995</b>	<b>34,020</b>	<b>89.8</b>	<b>94.3</b>	<b>77.6</b>	<b>89.0</b>	<b>87.7</b>	<b>98.3</b>	-
A3774	<b>36,740</b>	<b>34,020</b>	<b>89.9</b>	<b>94.2</b>	<b>76.9</b>	<b>89.0</b>	<b>87.7</b>	<b>98.2</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup> **Fokker Services b.v.** Aircraft Type Designation<sup>1</sup> **F28 Mark 0100**

Engine Manufacturer<sup>1</sup> **Rolls-Royce** Engine Type Designation<sup>1</sup> **Tay 620-15**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup> **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter<sup>1</sup> **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A3771	<b>44,450</b>	<b>39,915</b>	<b>89.2</b>	<b>94.9</b>	<b>84.4</b>	<b>89.0</b>	<b>93.4</b>	<b>98.8</b>	-
A10196	<b>43,995</b>	<b>39,915</b>	<b>89.2</b>	<b>94.9</b>	<b>84.1</b>	<b>89.0</b>	<b>93.4</b>	<b>98.8</b>	-
A3770	<b>43,995</b>	<b>38,780</b>	<b>89.2</b>	<b>94.9</b>	<b>84.1</b>	<b>89.0</b>	<b>93.1</b>	<b>98.8</b>	-
A3768	<b>43,090</b>	<b>38,780</b>	<b>89.3</b>	<b>94.8</b>	<b>83.4</b>	<b>89.0</b>	<b>93.1</b>	<b>98.7</b>	-
A3767	<b>41,995</b>	<b>39,915</b>	<b>89.6</b>	<b>94.7</b>	<b>82.9</b>	<b>89.0</b>	<b>93.4</b>	<b>98.6</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup> **Fokker Services b.v.** Aircraft Type Designation<sup>1</sup> **F28 Mark 0100**

Engine Manufacturer<sup>1</sup> **Rolls-Royce** Engine Type Designation<sup>1</sup> **Tay 650-15**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup> **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter<sup>1</sup> **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A3773	<b>45,810</b>	<b>39,915</b>	<b>91.6</b>	<b>95.0</b>	<b>82.7</b>	<b>89.0</b>	<b>93.0</b>	<b>98.9</b>	-
A3772	<b>44,450</b>	<b>39,915</b>	<b>91.7</b>	<b>94.9</b>	<b>81.8</b>	<b>89.0</b>	<b>93.0</b>	<b>98.8</b>	-
A3769	<b>43,090</b>	<b>38,780</b>	<b>91.8</b>	<b>94.8</b>	<b>80.7</b>	<b>89.0</b>	<b>92.7</b>	<b>98.7</b>	-
A10185	<b>41,995</b>	<b>39,915</b>	<b>91.9</b>	<b>94.7</b>	<b>80.7</b>	<b>89.0</b>	<b>93.0</b>	<b>98.6</b>	-
A3766	<b>40,995</b>	<b>39,915</b>	<b>92.0</b>	<b>94.6</b>	<b>80.7</b>	<b>89.0</b>	<b>93.0</b>	<b>98.5</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup> **Fokker Services b.v.**

Aircraft Type Designation<sup>1</sup> **F28 Mark 1000**

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **RB 183 Mk 555-15**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

**SB No. 51-23 (Increase of MTOW and MLW)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A13486	<b>30,164</b>	<b>26,762</b>	<b>99.5</b>	<b>102.0</b>	<b>91.6</b>	<b>93.0</b>	<b>100.5</b>	<b>102.0</b>	-
A13487	<b>29,484</b>	<b>26,762</b>	<b>96.6</b>	<b>102.0</b>	<b>90.6</b>	<b>93.0</b>	<b>100.5</b>	<b>102.0</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup> **Fokker Services b.v.**

Aircraft Type Designation<sup>1</sup> **F28 Mark 1000**

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **RB 183 Mk 555-15N**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

**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<sup>1</sup> **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A13488	<b>30,164</b>	<b>26,762</b>	<b>99.5</b>	<b>102.0</b>	<b>91.6</b>	<b>93.0</b>	<b>100.5</b>	<b>102.0</b>	-
A13489	<b>29,484</b>	<b>26,762</b>	<b>96.6</b>	<b>102.0</b>	<b>90.6</b>	<b>93.0</b>	<b>100.5</b>	<b>102.0</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup> **Fokker Services b.v.**

Aircraft Type Designation<sup>1</sup> **F28 Mark 1000**

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **RB 183 Mk 555-15P**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

**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<sup>1</sup> **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A13490	<b>30,164</b>	<b>26,762</b>	<b>99.5</b>	<b>102.0</b>	<b>91.6</b>	<b>93.0</b>	<b>100.5</b>	<b>102.0</b>	-
A13491	<b>29,484</b>	<b>26,762</b>	<b>96.6</b>	<b>102.0</b>	<b>90.6</b>	<b>93.0</b>	<b>100.5</b>	<b>102.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup> **Fokker Services b.v.**

Aircraft Type Designation<sup>1</sup> **F28 Mark 2000**

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **RB 183 Mk 555-15**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup> **None**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A13492	<b>29,484</b>	<b>26,762</b>	<b>96.6</b>	<b>102.0</b>	<b>90.9</b>	<b>93.0</b>	<b>101.1</b>	<b>102.0</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup> **Fokker Services b.v.**

Aircraft Type Designation<sup>1</sup> **F28 Mark 2000**

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **RB 183 Mk 555-15N**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup> **SB No. 71-9 (Engine installation)**

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

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A13493	<b>29,484</b>	<b>26,762</b>	<b>96.6</b>	<b>102.0</b>	<b>90.9</b>	<b>93.0</b>	<b>101.1</b>	<b>102.0</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup>    **Fokker Services b.v.**                                  Aircraft Type Designation<sup>1</sup>    **F28 Mark 3000**

Engine Manufacturer<sup>1</sup>    **Rolls-Royce**                                  Engine Type Designation<sup>1</sup>    **RB 183 Mk 555-15H**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>    **None**

Noise Certification Basis    **ICAO Annex 16, Volume I**    Edition / Amendment    **Edition 3**                                  Chapter<sup>1</sup>    **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A13495	<b>32,205</b>	<b>29,030</b>	<b>95.7</b>	<b>102.0</b>	<b>87.6</b>	<b>93.0</b>	<b>99.4</b>	<b>102.0</b>	-

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<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup> **Fokker Services b.v.**

Aircraft Type Designation<sup>1</sup> **F28 Mark 3000**

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **RB 183 Mk 555-15H**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup> **SB No. 51-15 (Increase of MTOW)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3** Chapter<sup>1</sup> **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A13494	<b>33,112</b>	<b>29,030</b>	<b>95.8</b>	<b>102.0</b>	<b>87.9</b>	<b>93.0</b>	<b>99.4</b>	<b>102.0</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup> **Fokker Services b.v.** Aircraft Type Designation<sup>1</sup> **F28 Mark 4000**  
 Engine Manufacturer<sup>1</sup> **Rolls-Royce** Engine Type Designation<sup>1</sup> **RB 183 Mk 555-15H**  
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup> **None**  
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3** Chapter<sup>1</sup> **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A13499	<b>32,205</b>	<b>29,030</b>	<b>95.7</b>	<b>102.0</b>	<b>87.6</b>	<b>93.0</b>	<b>99.9</b>	<b>102.0</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup> **Fokker Services b.v.**

Aircraft Type Designation<sup>1</sup> **F28 Mark 4000**

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **RB 183 Mk 555-15H**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

**SB No. 51-17 (Increase of MLW)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3** Chapter<sup>1</sup> **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A13498	<b>32,205</b>	<b>29,846</b>	<b>95.7</b>	<b>102.0</b>	<b>87.6</b>	<b>93.0</b>	<b>99.4</b>	<b>102.0</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup> **Fokker Services b.v.**

Aircraft Type Designation<sup>1</sup> **F28 Mark 4000**

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **RB 183 Mk 555-15H**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup> **SB No. 51-15 (Increase of MTOW)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3** Chapter<sup>1</sup> **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A13497	<b>33,112</b>	<b>29,030</b>	<b>95.8</b>	<b>102.0</b>	<b>87.9</b>	<b>93.0</b>	<b>99.9</b>	<b>102.0</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup> **Fokker Services b.v.**

Aircraft Type Designation<sup>1</sup> **F28 Mark 4000**

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **RB 183 Mk 555-15H**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

**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<sup>1</sup> **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A13496	<b>33,112</b>	<b>29,846</b>	<b>95.8</b>	<b>102.0</b>	<b>87.9</b>	<b>93.0</b>	<b>99.4</b>	<b>102.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup> **Fokker Services b.v.**

Aircraft Type Designation<sup>1</sup> **F28 Mark 4000**

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **RB 183 Mk 555-15P**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

**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<sup>1</sup> **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A13502	<b>33,112</b>	<b>29,030</b>	<b>95.6</b>	<b>102.0</b>	<b>86.4</b>	<b>93.0</b>	<b>101.0</b>	<b>102.0</b>	-

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup> **Fokker Services b.v.**

Aircraft Type Designation<sup>1</sup> **F28 Mark 4000**

Engine Manufacturer<sup>1</sup> **Rolls-Royce**

Engine Type Designation<sup>1</sup> **RB 183 Mk 555-15P**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>

**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<sup>1</sup> **2**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL		See Note
	Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
A13500	<b>33,112</b>	<b>31,525</b>	<b>95.6</b>	<b>102.0</b>	<b>86.4</b>	<b>93.0</b>	<b>100.6</b>	<b>102.0</b>	-
A13501	<b>33,112</b>	<b>29,846</b>	<b>95.6</b>	<b>102.0</b>	<b>86.4</b>	<b>93.0</b>	<b>100.8</b>	<b>102.0</b>	-

<sup>1</sup> See Note 1.

**TCDSN EASA.A.037 Notes**

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.

**Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1		Initial Issue
Issue 2	22 January 2010	Added Records A13487 to A13503
Issue 3	23 August 2010	Added records A10185 and A10196
Issue 4	08 May 2012	Record A17902 added.
Issue 5	22 August 2013	Change of address of the TC holder

-END-