TCDSN No.: EASA.IM.R.122 Enstrom F-28 / 480 Date: 20 April 2016

Page 1 of 17

Issue: 1



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.R.122

for

Enstrom F-28 and Enstrom 480

Type Certificate Holder: Enstrom Helicopter Corporation

2209 22nd Street Menominee, Michigan 49858 **USA**

For models: 280

280C

280F

280FX

480

480B

F28A

F28C

F28F



TCDSN No.: EASA.IM.R.122 Page 2 of 17

Issue: 1 Date: 20 April 2016

INTENTIONALLY LEFT BLANK

TCDSN No.: EASA.IM.R.122

Page 3 of 17

Issue: 1 Date: 20 April 2016

Type Certificate Holder Enstrom Helicopter Corporation Aircraft Type Designation 280

Engine Manufacturer Lycoming Engine Type Designation HIO-360-C1A

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels

EASA	Maximi	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL	
Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D413	975	975	-	-	-	-	-	-	2



TCDSN No.: EASA.IM.R.122 Page 4 of 17

Issue: 1 Date: 20 April 2016

Type Certificate Holder Enstrom Helicopter Corporation Aircraft Type Designation 280

Engine Manufacturer Lycoming Engine Type Designation HIO-360-C1B

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See
Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	Note
D414	975	975	-	-	-	-	-	-	2

Page 5 of 17 TCDSN No.: EASA.IM.R.122 Date: 20 April 2016

Issue: 1

Type Certificate Holder Aircraft Type Designation **Enstrom Helicopter Corporation** 280C

Engine Manufacturer Engine Type Designation Lycoming HIO-360-E1AD

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels

ΓΛζΛ	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soc
EASA Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D283	1,066	1,066	-	-	-	-	-	-	2
D172	998	998	-	-	-	-	-	-	2



TCDSN No.: EASA.IM.R.122

Page 6 of 17

Issue: 1 Date: 20 April 2016

Type Certificate Holder Enstrom Helicopter Corporation Aircraft Type Designation 280C

Engine Manufacturer Lycoming Engine Type Designation HIO-360-E1BD

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soc
	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D417	1,066	1,066	-	-	-	-	-	-	2
D173	998	998	-	-	-	-	-	-	2



Page 7 of 17 TCDSN No.: EASA.IM.R.122 Date: 20 April 2016

Issue: 1

Type Certificate Holder Aircraft Type Designation **Enstrom Helicopter Corporation** 280F

Engine Manufacturer Engine Type Designation Lycoming HIO-360-F1AD

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		See
EASA Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	Note
D420	1,179	1,179	-	-	-	-	-	-	2
D419	1,066	1,066	-	-	-	-	-	-	2



TCDSN No.: EASA.IM.R.122

Page 8 of 17 Issue: 1 Date: 20 April 2016

Type Certificate Holder Aircraft Type Designation **Enstrom Helicopter Corporation** 280FX

Engine Manufacturer Engine Type Designation Lycoming HIO-360-F1AD

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels

Noise Certification Basis Edition / Amendment ICAO Annex 16, Volume I Chapter 8

EASA -	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D176	1,179	1,179	-	-	-	-	-	-	2

Page 9 of 17 TCDSN No.: EASA.IM.R.122 Date: 20 April 2016

Issue: 1

Type Certificate Holder¹ Aircraft Type Designation¹ **Enstrom Helicopter Corporation** 480

Engine Manufacturer¹ Engine Type Designation¹ Allison 250-C20W

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels1

Noise Certification Basis Edition / Amendment ICAO Annex 16, Volume I 11 (11.4.1) Chapter¹

EASA	Maximu	m Mass	Overfli	See		
Record No.	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Note	
D126	1,293	1,293	82.4	84.1	-	



TCDSN No.: EASA.IM.R.122

Issue: 1 Date: 20 April 2016

Type Certificate Holder Enstrom Helicopter Corporation Aircraft Type Designation 480B

Engine Manufacturer¹ Allison Engine Type Designation¹ 250-C20W

Additional modifications essential to meet the requirements or needed to attain the **None**

certificated noise levels1

EASA Record No.	Maximu	m Mass	Overfli	See		
	Take-off ¹ (kg)	Landing (kg)	Level ¹	Limit	Note	
D190	1,361	1,361	83.7	84.4	3	

Page 11 of 17 TCDSN No.: EASA.IM.R.122 Date: 20 April 2016

Issue: 1

Type Certificate Holder Aircraft Type Designation **Enstrom Helicopter Corporation** F28A

Engine Manufacturer Engine Type Designation Lycoming HIO-360-C1A

Additional modifications essential to meet the requirements or needed to attain the ()

certificated noise levels

EASA	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D325	976	976	-	-	-	-	-	-	2

TCDSN No.: EASA.IM.R.122 Page 12 of 17

Issue: 1 Date: 20 April 2016

Type Certificate Holder Enstrom Helicopter Corporation Aircraft Type Designation F28A

Engine Manufacturer Lycoming Engine Type Designation HIO-360-C1B

Additional modifications essential to meet the requirements or needed to attain the ()

certificated noise levels

EASA -	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soo
Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D412	976	976	-	-	-	-	-	-	2

Page 13 of 17 TCDSN No.: EASA.IM.R.122 Date: 20 April 2016

Issue: 1

Type Certificate Holder Aircraft Type Designation **Enstrom Helicopter Corporation** F28C

Engine Manufacturer Engine Type Designation Lycoming HIO-360-E1AD

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels

ΓΛζΛ	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soc
EASA Record No.	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D381	1,066	1,066	-	-	-	-	-	-	2
D226	998	998	-	-	-	-	-	-	2



Page 14 of 17 TCDSN No.: EASA.IM.R.122 Date: 20 April 2016

Issue: 1

Type Certificate Holder Aircraft Type Designation **Enstrom Helicopter Corporation** F28C

Engine Manufacturer Engine Type Designation Lycoming HIO-360-E1BD

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soc
	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D415	1,066	1,066	-	-	-	-	-	-	2
D416	998	998	-	-	-	-	-	-	2

Page 15 of 17 TCDSN No.: EASA.IM.R.122 Date: 20 April 2016

Issue: 1

Type Certificate Holder Aircraft Type Designation **Enstrom Helicopter Corporation** F28F

Engine Manufacturer Engine Type Designation Lycoming HIO-360-F1AD

Additional modifications essential to meet the requirements or needed to attain the None

certificated noise levels

EASA Record No.	Maximum Mass		Take-Off EPNL		Overflight EPNL		Approach EPNL		Soc
	Take-off (kg)	Landing (kg)	Level	Limit	Level	Limit	Level	Limit	See Note
D418	1,066	1,066	-	-	-	-	-	-	2

TCDSN No.: EASA.IM.R.122 Page 16 of 17 Issue: 1 Date: 20 April 2016

TCDSN EASA.IM.R.122 Notes

- 1. Items so marked shall be included on EASA Form 45.
- 2. This aircraft type conforms with the provisions of Article 6.1 of Regulation 216/2008 without the need to comply with the Standards of ICAO Annex 16, Volume I, by virtue of the date of type certification.
- 3. Increased rotor RPM and torque limits.



TCDSN No.: EASA.IM.R.122 Page 17 of 17

Issue: 1 Date: 20 April 2016

Change Record

Issue	Date	Changes
Issue 1	20 April 2016	Initial Issue

-END-