



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.068

for

SAAB SF340A, 340B

Type Certificate Holder:

Saab AB

581 88 Linköping

SWEDEN

For models: SAAB 340B
SAAB SF340A



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Type Certificate Holder¹ **Saab AB** Aircraft Type Designation¹ **SAAB 340B**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CT7-9B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **4**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1317	Dowty Propeller	(c)R.354/4-123-F/13	13,605	12,930	85.5	94.0	79.0	89.0	93.0	98.0	-
B19	Dowty Propeller	(c)R.354/4-123-F/13	13,155	12,930	85.5	94.0	78.2	89.0	93.0	98.0	-
B13	Dowty Propeller	(c)R.354/4-123-F/13	12,930	12,700	85.5	94.0	77.6	89.0	93.0	98.0	-
B1318	Dowty Propeller	(c)R.354/4-123-F/20	13,605	12,930	85.5	94.0	79.0	89.0	93.0	98.0	-
B20	Dowty Propeller	(c)R.354/4-123-F/20	13,155	12,930	85.5	94.0	78.2	89.0	93.0	98.0	-
B14	Dowty Propeller	(c)R.354/4-123-F/20	12,930	12,700	85.5	94.0	77.6	89.0	93.0	98.0	-
B1319	Dowty Propeller	(c)R.375/4-123-F/21	13,605	12,930	85.5	94.0	79.0	89.0	93.0	98.0	-
B21	Dowty Propeller	(c)R.375/4-123-F/21	13,155	12,930	85.5	94.0	78.2	89.0	93.0	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Saab AB** Aircraft Type Designation¹ **SAAB 340B**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CT7-9B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **4**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B15	Dowty Propeller	(c)R.375/4-123-F/21	12,930	12,701	85.5	94.0	77.6	89.0	93.0	98.0	-
B1320	Dowty Propeller	(c)R.389/4-123-F/25	13,605	12,930	85.5	94.0	79.0	89.0	93.0	98.0	-
B22	Dowty Propeller	(c)R.389/4-123-F/25	13,155	12,930	85.5	94.0	78.2	89.0	93.0	98.0	-
B16	Dowty Propeller	(c)R.389/4-123-F/25	12,930	12,700	85.5	94.0	77.6	89.0	93.0	98.0	-
B1321	Dowty Propeller	(c)R.389/4-123-F/26	13,605	12,930	85.5	94.0	79.0	89.0	93.0	98.0	-
B23	Dowty Propeller	(c)R.389/4-123-F/26	13,155	12,930	85.5	94.0	78.2	89.0	93.0	98.0	-
B17	Dowty Propeller	(c)R.389/4-123-F/26	12,930	12,700	85.5	94.0	77.6	89.0	93.0	98.0	-
B1322	Dowty Propeller	(c)R.390/4-123-F/27	13,605	12,930	85.5	94.0	79.0	89.0	93.0	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Saab AB** Aircraft Type Designation¹ **SAAB 340B**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CT7-9B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **4**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B24	Dowty Propeller	(c)R.390/4-123-F/27	13,155	12,930	85.5	94.0	78.2	89.0	93.0	98.0	-
B18	Dowty Propeller	(c)R.390/4-123-F/27	12,930	12,700	85.5	94.0	77.6	89.0	93.0	98.0	-
B1323	Hamilton Sundstrand	14RF-19	13,605	12,930	85.8	94.0	79.1	89.0	89.9	98.0	-
B32	Hamilton Sundstrand	14RF-19	13,155	12,930	85.8	94.0	78.2	89.0	89.9	98.0	-
B31	Hamilton Sundstrand	14RF-19	12,930	12,700	85.9	94.0	77.6	89.0	90.1	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Saab AB** Aircraft Type Designation¹ **SAAB 340B**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CT7-9B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **Extended wing tips**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **4**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B25	Dowty Propeller	(c)R.354/4-123-F/13	13,155	12,930	85.6	94.0	77.1	89.0	93.9	98.0	-
B26	Dowty Propeller	(c)R.354/4-123-F/20	13,155	12,930	85.6	94.0	77.1	89.0	93.9	98.0	-
B27	Dowty Propeller	(c)R.375/4-123-F/21	13,155	12,930	85.6	94.0	77.1	89.0	93.9	98.0	-
B28	Dowty Propeller	(c)R.389/4-123-F/25	13,155	12,930	85.6	94.0	77.1	89.0	93.9	98.0	-
B29	Dowty Propeller	(c)R.389/4-123-F/26	13,155	12,930	85.6	94.0	77.1	89.0	93.9	98.0	-
B30	Dowty Propeller	(c)R.390/4-123-F/27	13,155	12,930	85.6	94.0	77.1	89.0	93.9	98.0	-
B33	Hamilton Sundstrand	14RF-19	13,155	12,930	86.0	94.0	77.2	89.0	90.8	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Saab AB** Aircraft Type Designation¹ **SAAB 340B**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CT7-9B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **Search and Rescue – 200**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **4**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1273	Dowty Propeller	(c)R.354/4-123-F/13	13,155	12,930	85.6	94.0	77.3	89.0	93.6	98.0	-
B1270	Dowty Propeller	(c)R.354/4-123-F/20	13,155	12,930	85.6	94.0	77.3	89.0	93.6	98.0	-
B1274	Dowty Propeller	(c)R.375/4-123-F/21	13,155	12,930	85.6	94.0	77.3	89.0	93.6	98.0	-
B1135	Dowty Propeller	(c)R.389/4-123-F/25	13,155	12,930	85.6	94.0	77.3	89.0	93.6	98.0	-
B1271	Dowty Propeller	(c)R.389/4-123-F/26	13,155	12,930	85.6	94.0	77.3	89.0	93.6	98.0	-
B1272	Dowty Propeller	(c)R.390/4-123-F/27	13,155	12,930	85.6	94.0	77.3	89.0	93.6	98.0	-
B1138	Hamilton Sundstrand	14RF-19	13,155	12,930	86.0	94.0	77.4	89.0	90.6	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Saab AB** Aircraft Type Designation¹ **SAAB SF340A**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CT7-5A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **4**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1075	Dowty Propeller	()R.354/4-123-F/20	12,930	12,340	85.4	94.0	77.7	89.0	93.2	98.0	-
B1074	Dowty Propeller	(c)R.354/4-123-F/13	12,930	12,340	85.4	94.0	77.7	89.0	93.2	98.0	-
B7	Dowty Propeller	(c)R.354/4-123-F/13	12,700	12,340	85.5	94.0	77.2	89.0	93.2	98.0	-
B1	Dowty Propeller	(c)R.354/4-123-F/13	12,370	12,020	85.5	94.0	76.6	89.0	93.3	98.0	-
B1258	Dowty Propeller	(c)R.354/4-123-F/13, (c)R.389/4-123-F/25	12,370	12,020	85.5	94.0	76.6	89.0	93.3	98.0	-
B8	Dowty Propeller	(c)R.354/4-123-F/20	12,700	12,340	85.5	94.0	77.2	89.0	93.2	98.0	-
B2	Dowty Propeller	(c)R.354/4-123-F/20	12,370	12,020	85.5	94.0	76.6	89.0	93.3	98.0	-
B1076	Dowty Propeller	(c)R.375/4-123-F/21	12,930	12,340	85.4	94.0	77.7	89.0	93.2	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Saab AB** Aircraft Type Designation¹ **SAAB SF340A**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CT7-5A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **4**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B9	Dowty Propeller	(c)R.375/4-123-F/21	12,700	12,340	85.5	94.0	77.2	89.0	93.2	98.0	-
B3	Dowty Propeller	(c)R.375/4-123-F/21	12,370	12,020	85.5	94.0	76.6	89.0	93.3	98.0	-
B1077	Dowty Propeller	(c)R.389/4-123-F/25	12,930	12,340	85.4	94.0	77.7	89.0	93.2	98.0	-
B10	Dowty Propeller	(c)R.389/4-123-F/25	12,700	12,340	85.5	94.0	77.2	89.0	93.2	98.0	-
B4	Dowty Propeller	(c)R.389/4-123-F/25	12,370	12,020	85.5	94.0	76.6	89.0	93.3	98.0	-
B1078	Dowty Propeller	(c)R.389/4-123-F/26	12,930	12,340	85.4	94.0	77.7	89.0	93.2	98.0	-
B11	Dowty Propeller	(c)R.389/4-123-F/26	12,700	12,340	85.5	94.0	77.2	89.0	93.2	98.0	-
B5	Dowty Propeller	(c)R.389/4-123-F/26	12,370	12,020	85.5	94.0	76.6	89.0	93.3	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Saab AB** Aircraft Type Designation¹ **SAAB SF340A**

Engine Manufacturer¹ **General Electric** Engine Type Designation¹ **CT7-5A2**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **4**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1079	Dowty Propeller	(c)R.390/4-123-F/27	12,930	12,340	85.4	94.0	77.7	89.0	93.2	98.0	-
B12	Dowty Propeller	(c)R.390/4-123-F/27	12,700	12,340	85.5	94.0	77.2	89.0	93.2	98.0	-
B6	Dowty Propeller	(c)R.390/4-123-F/27	12,370	12,020	85.5	94.0	76.6	89.0	93.3	98.0	-

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume 1 Amendment level	7	8	9	10	11-B	12
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5

TCDSN EASA.A.068 Notes

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

Change Record

Issue	Date	Changes
Issue 1	21 February 2007	Initial Issue
Issue 2	02 August 2007	Page 3: Add record B1074 Page 3: Add record B1075 Page 3: Add record B1076 Page 3: Add record B1077 Page 3: Add record B1078 Page 4: Add record B1079
Issue 3	30 March 2010	Records B13-B33: Chapter and noise levels revised.
Issue 4	04 March 2013	Added Record B1258 and modification "Search and Rescue - 200"
Issue 5	06 July 2016	Revised
Issue 6	07 August 2019	Added records B19-B24
Issue 7	06 January 2020	Added records B1317-A1323 with increased MTOM
Issue 8	20 April 2020	Records B1317-B1323: Harmonized MTOM from 13.608 kg to 13.605 kg; records B1317-1322: Lateral noise level revised to 85.5 EPNdB

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