

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

SAAB 340

**Type Certificate Holder:
Saab AB, Saab Aerosystems**

SE-581 88 Linköping
SWEDEN

For models : SAAB 340B
SAAB SF340A

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Type Certificate Holder* **Saab AB, Saab Aerosystems** Aircraft Type Designation* **SAAB 340B**

Engine Manufacturer* **General Electric** Engine Type Designation* **CT7-9B**

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* **4**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B17	Dowty RotoI	(C)R.389/4-123-F/26	12.930	12.700	85,5	94,0	77,6	89,0	93,0	98,0
B19	Dowty RotoI	(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 RotoI	(c)R.354/4-123-F/13	12.930	12.700	85,5	94,0	77,6	89,0	93,0	98,0
B20	Dowty RotoI	(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 RotoI	(c)R.354/4-123-F/20	12.930	12.700	85,5	94,0	77,6	89,0	93,0	98,0
B21	Dowty RotoI	(c)R.375/4-123-F/21	13.155	12.930	85,5	94,0	78,2	89,0	93,0	98,0
B15	Dowty RotoI	(c)R.375/4-123-F/21	12.930	12.701	85,5	94,0	77,6	89,0	93,0	98,0
B22	Dowty RotoI	(c)R.389/4-123-F/25	13.155	12.930	85,5	94,0	78,2	89,0	93,0	98,0

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

Type Certificate Holder* **Saab AB, Saab Aerosystems** Aircraft Type Designation* **SAAB 340B**
 Engine Manufacturer* **General Electric** Engine Type Designation* **CT7-9B**

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* **4**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B16	Dowty RotoI	(c)R.389/4-123-F/25	12.930	12.700	85,5	94,0	77,6	89,0	93,0	98,0
B23	Dowty RotoI	(c)R.389/4-123-F/26	13.155	12.930	85,5	94,0	78,2	89,0	93,0	98,0
B24	Dowty RotoI	(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 RotoI	(c)R.390/4-123-F/27	12.930	12.700	85,5	94,0	77,6	89,0	93,0	98,0
B32	Hamilton Standard	14RF-19	13.155	12.930	85,8	94,0	78,2	89,0	89,9	98,0
B31	Hamilton Standard	14RF-19	12.930	12.700	85,9	94,0	77,6	89,0	90,1	98,0

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

Type Certificate Holder* **Saab AB, Saab Aerosystems** Aircraft Type Designation* **SAAB 340B**
 Engine Manufacturer* **General Electric** Engine Type Designation* **CT7-9B**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B25	Dowty RotoI	(c)R.354/4-123-F/13	13.155	12.930	85,6	94,0	77,1	89,0	93,0	98,0
B26	Dowty RotoI	(c)R.354/4-123-F/20	13.155	12.930	85,6	94,0	77,1	89,0	93,0	98,0
B27	Dowty RotoI	(c)R.375/4-123-F/21	13.155	12.930	85,6	94,0	77,1	89,0	93,0	98,0
B28	Dowty RotoI	(c)R.389/4-123-F/25	13.155	12.930	85,6	94,0	77,1	89,0	93,0	98,0
B29	Dowty RotoI	(c)R.389/4-123-F/26	13.155	12.930	85,6	94,0	77,1	89,0	93,0	98,0
B30	Dowty RotoI	(c)R.390/4-123-F/27	13.155	12.930	85,6	94,0	77,1	89,0	93,0	98,0
B33	Hamilton Standard	14RF-19	13.155	12.930	86,0	94,0	77,2	89,0	90,8	98,0

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

Type Certificate Holder* **Saab AB, Saab Aerosystems** Aircraft Type Designation* **SAAB SF340A**
 Engine Manufacturer* **General Electric** Engine Type Designation* **CT7-5A2**

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* **4**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1074	Dowty RotoI	(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 RotoI	(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 RotoI	(c)R.354/4-123-F/13	12.370	12.020	85,5	94,0	76,6	89,0	93,3	98,0
B1075	Dowty RotoI	(c)R.354/4-123-F/20	12.930	12.340	85,4	94,0	77,7	89,0	93,2	98,0
B8	Dowty RotoI	(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 RotoI	(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 RotoI	(c)R.375/4-123-F/21	12.930	12.340	85,4	94,0	77,7	89,0	93,2	98,0
B9	Dowty RotoI	(c)R.375/4-123-F/21	12.700	12.340	85,5	94,0	77,2	89,0	93,2	98,0

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Type Certificate Holder* **Saab AB, Saab Aerosystems** Aircraft Type Designation* **SAAB SF340A**
 Engine Manufacturer* **General Electric** Engine Type Designation* **CT7-5A2**

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* **4**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B3	Dowty RotoI	(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 RotoI	(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 RotoI	(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 RotoI	(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 RotoI	(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 RotoI	(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 RotoI	(c)R.389/4-123-F/26	12.370	12.020	85,5	94,0	76,6	89,0	93,3	98,0
B1079	Dowty RotoI	(c)R.390/4-123-F/27	12.930	12.340	85,4	94,0	77,7	89,0	93,2	98,0

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 Engine Manufacturer* **General Electric** Engine Type Designation* **CT7-5A2**

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* **4**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B12	Dowty RotoI	(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 RotoI	(c)R.390/4-123-F/27	12.370	12.020	85,5	94,0	76,6	89,0	93,3	98,0

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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.