



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.IM.A.665

for

SD3 Series

Type Certificate Holder:

Viking Air Limited

1959 de Havilland Way

Sidney

British Columbia V8L 5V5

CANADA

For models:

SD3-30

SD3-60

SD3-60-Sherpa

SD3-Sherpa



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Type Certificate Holder¹ **Viking Air Limited** Aircraft Type Designation¹ **SD3-30**

Engine TC Holder **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6A-45A**

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 **5**

EASA Record No.	Propeller TC Holder	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 (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	
B65	Hartzell Propeller Inc.	HC-B5MP-3A/M10282AB+6	10,251	10,115	83.9	96.0	88.9	89.0	92.8	98.0	-
B64	Hartzell Propeller Inc.	HC-B5MP-3A/M10282AB+6	10,160	10,024	83.9	96.0	88.5	89.0	92.8	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Viking Air Limited** Aircraft Type Designation¹ **SD3-30**

Engine TC Holder **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6A-45B**

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 **5**

EASA Record No.	Propeller TC Holder	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 (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	
B66	Hartzell Propeller Inc.	HC-B5MP-3A/M10282AB+6	10,251	10,115	84.1	96.0	88.9	89.0	92.8	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Viking Air Limited** Aircraft Type Designation¹ **SD3-30**

Engine TC Holder **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6A-45R**

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 **5**

EASA Record No.	Propeller TC Holder	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 (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	
B1431	Hartzell Propeller Inc.	HC-B5MP-3A/M10282AB+6	9,979	9,843	84.7	96.0	88.5	89.0	92.8	98.0	-
B67	Hartzell Propeller Inc.	HC-B5MP-3A/M10282AB+6	10,387	10,251	84.7	96.0	88.9	89.0	92.9	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Viking Air Limited** Aircraft Type Designation¹ **SD3-60**

Engine TC Holder **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6A-65AR**

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 **5**

EASA Record No.	Propeller TC Holder	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 (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	
B1126	Hartzell Propeller Inc.	HC-B5MP-3C/M10876ASK	11,999	11,839	84.4	96.0	85.7	89.0	90.0	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Viking Air Limited** Aircraft Type Designation¹ **SD3-60**

Engine TC Holder **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6A-65R**

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 **5**

EASA Record No.	Propeller TC Holder	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 (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	
B69	Hartzell Propeller Inc.	HC-B5MP-3C/M10876ASK	11,999	11,839	83.7	96.0	84.8	89.0	90.0	98.0	-
B68	Hartzell Propeller Inc.	HC-B5MP-3C/M10876ASK	11,793	11,657	83.7	96.0	84.4	89.0	89.9	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Viking Air Limited** Aircraft Type Designation¹ **SD3-60**

Engine TC Holder **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6A-67R**

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 **5**

EASA Record No.	Propeller TC Holder	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 (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	
B1124	Hartzell Propeller Inc.	HC-A6A-3/A10460()	12,292	12,020	82.7	96.0	80.0	89.0	94.3	98.0	-
B1275	Hartzell Propeller Inc.	HC-A6A-3/A10460()	11,999	11,839	82.7	96.0	80.0	89.0	94.3	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Viking Air Limited** Aircraft Type Designation¹ **SD3-60-Sherpa**

Engine TC Holder **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6A-65AR**

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 **5**

EASA Record No.	Propeller TC Holder	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 (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	
B76	Hartzell Propeller Inc.	HC-B5MP-3C/M10876ASK	11,612	11,385	83.0	96.0	84.4	89.0	89.5	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **Viking Air Limited** Aircraft Type Designation¹ **SD3-Sherpa**

Engine TC Holder **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PT6A-65AR**

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 **5**

EASA Record No.	Propeller TC Holder	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 (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	Level ¹ (EPNdB)	Limit (EPNdB)	
B75	Hartzell Propeller Inc.	HC-B5MP-3C/M10876ASK	11,612	11,385	83.0	96.0	84.4	89.0	89.5	98.0	-

¹ See Note 1.



Correspondence between the ICAO Annex 16 Volume I levels of amendment and the related EU regulations

The table below provides the correspondence between the levels of amendment of Volume I of ICAO Annex 16 and the related EU regulations that have implemented these levels of amendment since 2003, as well as the respective applicability dates.

ICAO Annex 16 Volume I		EU regulations	
Amendment level	Applicability date	Regulation number	Applicability date
Amendment 14	01/01/2024	Regulation (EU) 2025/870*	25/05/2025
Amendment 13	01/01/2021	Regulation (EU) 2021/1087*	25/07/2021
Amendment 12	01/01/2018	Regulation (EU) 2018/1139 (Art.9)	11/09/2018
Amendment 11-B	01/01/2015	Regulation (EU) 2016/4*	26/01/2016
Amendment 10	17/11/2011	Regulation (EU) No 6/2013*	29/01/2013
Amendment 9	20/11/2008	Regulation (EC) No 690/2009*	20/08/2009
Amendment 8	24/11/2005	Regulation (EC) No 216/2008 (Art.6)	29/03/2007
		Regulation (EC) No 334/2007*	29/03/2007
Amendment 7	21/03/2002	Regulation (EC) No 1701/2003*	28/09/2003
Amendment 6	04/11/1999	Regulation (EC) No 1592/2002 (Art.6)	28/09/2003

* Regulations that amend Article 6 of Regulations (EC) No 1592/2002 and (EC) No 216/2008, and Article 9 of Regulation (EU) 2018/1139

TCDSN EASA.IM.A.665 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

Issue	Date	Changes
Issue 1	28 June 2019	Initial Issue
Issue 2	19 February 2026	Record B1431 added.

-END-

