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## **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, B.C. V8L 5V5 Canada

For models: SD3 Sherpa

SD3-30

SD3-60 Sherpa

SD3-60

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Type Certificate Holder<sup>1</sup> Viking Air Limited Aircraft Type Designation<sup>1</sup> SD3 Sherpa

Engine Manufacturer<sup>1</sup> Pratt & Whitney Canada Engine Type Designation<sup>1</sup> PT6A-65AR

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

certificated noise levels<sup>1</sup>

EASA	Propeller	Propeller Type	Maximu	ım Mass	Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See
Record No.	Manufacturer <sup>1</sup>	Designation <sup>1</sup>	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	Note
B75	Hartzell	HC-B5MP-3C/M10876ASK	11,612	11,385	83.0	96.0	84.4	89.0	89.5	98.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Viking Air Limited Aircraft Type Designation<sup>1</sup> SD3-30

Engine Manufacturer<sup>1</sup> Pratt & Whitney Canada Engine Type Designation<sup>1</sup> PT6A-45A

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

certificated noise levels<sup>1</sup>

EASA	Propeller	Propeller Propeller Type Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See	
Record No.	Manufacturer <sup>1</sup>	Designation <sup>1</sup>	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	Note
B65	Hartzell	HC-B5MP-3A/M10282AB+6	10,251	10,115	83.9	96.0	88.9	89.0	92.8	98.0	-
B64	Hartzell	HC-B5MP-3A/M10282AB+6	10,160	10,024	83.9	96.0	88.5	89.0	92.8	98.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Viking Air Limited Aircraft Type Designation<sup>1</sup> SD3-30

Engine Manufacturer<sup>1</sup> Pratt & Whitney Canada Engine Type Designation<sup>1</sup> PT6A-45B

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

certificated noise levels<sup>1</sup>

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter<sup>1</sup> 5

EASA	Propeller	Propeller Type	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See
Record No.	Manufacturer <sup>1</sup>	Designation <sup>1</sup>	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	Note
B66	Hartzell	HC-B5MP-3A/M10282AB+6	10,251	10,115	84.1	96.0	88.9	89.0	92.8	98.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Viking Air Limited Aircraft Type Designation<sup>1</sup> SD3-30

Engine Manufacturer<sup>1</sup> Pratt & Whitney Canada Engine Type Designation<sup>1</sup> PT6A-45R

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

certificated noise levels<sup>1</sup>

EASA	Propeller	Propeller Type	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See
Record No.	Manufacturer <sup>1</sup>	Designation <sup>1</sup>	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	Note
B67	Hartzell	HC-B5MP-3A/M10282AB+6	10,387	10,251	84.7	96.0	88.9	89.0	92.9	98.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Viking Air Limited Aircraft Type Designation<sup>1</sup> SD3-60

Engine Manufacturer<sup>1</sup> Pratt & Whitney Canada Engine Type Designation<sup>1</sup> PT6A-65AR

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

certificated noise levels<sup>1</sup>

EASA	Propeller	Propeller Type	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See
Record No.	Manufacturer <sup>1</sup>	Designation <sup>1</sup>	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	Note
B1126	Hartzell	HC-B5MP-3C/M10876ASK	11,999	11,839	84.4	96.0	85.7	89.0	90.0	98.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Viking Air Limited Aircraft Type Designation<sup>1</sup> SD3-60

Engine Manufacturer<sup>1</sup> Pratt & Whitney Canada Engine Type Designation<sup>1</sup> PT6A-65R

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

certificated noise levels<sup>1</sup>

EASA	Propeller	Propeller Type	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See
Record No.	Manufacturer <sup>1</sup>	Designation <sup>1</sup>	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	Note
B69	Hartzell	HC-B5MP-3C/M10876ASK	11,999	11,839	83.7	96.0	84.8	89.0	90.0	98.0	-
B68	Hartzell	HC-B5MP-3C/M10876ASK	11,793	11,657	83.7	96.0	84.4	89.0	89.9	98.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Viking Air Limited Aircraft Type Designation<sup>1</sup> SD3-60

Engine Manufacturer<sup>1</sup> Pratt & Whitney Canada Engine Type Designation<sup>1</sup> PT6A-67R

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

certificated noise levels<sup>1</sup>

EASA	Propeller	ler Propeller Type Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See	
Record No.	Manufacturer <sup>1</sup>	Designation <sup>1</sup>	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	Note
B1124	Hartzell	HC-A6A-3/A10460()	12,292	12,020	82.7	96.0	80.0	89.0	94.3	98.0	-
B1275	Hartzell	HC-A6A-3/A10460()	11,999	11,839	82.7	96.0	80.0	89.0	94.3	98.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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Type Certificate Holder<sup>1</sup> Viking Air Limited Aircraft Type Designation<sup>1</sup> SD3-60 Sherpa

Engine Manufacturer<sup>1</sup> Pratt & Whitney Canada Engine Type Designation<sup>1</sup> PT6A-65AR

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

certificated noise levels<sup>1</sup>

EASA	Propeller	Propeller Type	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See
Record No.	Manufacturer <sup>1</sup>	Designation <sup>1</sup>	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	Note
B76	Hartzell	HC-B5MP-3C/M10876ASK	11,612	11,385	83.0	96.0	84.4	89.0	89.5	98.0	-

<sup>&</sup>lt;sup>1</sup> See Note 1.



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## **TCDSN EASA.IM.A.665 Notes**

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



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## **Change Record**

Issue	Date	Changes
Issue 1	28 June 2019	Initial Issue

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