



## PROPELLER SOUND RECORDING

The prop sound is recorded using a **Integrating Sound Level Meter TES-1353 / Datalogger**.

The sound is measured 10 m perpendicular from engine centerline at propeller disc lengthwise location.

**PROPELLER TYPE:** AON 3-bladed dia 1,580 mm

Engine RPM	Angle 16 deg	Thrust 16 deg	Angle 15 deg	Thrust 15 deg	Angle 14 deg	Thrust 14 deg	Angle 13 deg	Thrust 13 deg
1000	71 dB	-	71 dB	-	71 dB	-	71 dB	-
1500	81 dB	255 N	80 dB	186 N	81 dB	216 N	79 dB	177 N
2000	92 dB	775 N	89 dB	804 N	91 dB	706 N	90 dB	628 N
2500	103 dB	1413 N	102 dB	1207 N	101 dB	1383 N	100 dB	1265 N
2560	104 dB	1530 N						
2600			105 dB	1620 N				
2660					106 dB	1638 N		
2800							108 dB	1717 N

**Ambient Temperature:** - 2 Deg. C  
Å Å Å ..

**QNH:** 982 mb  
Å Å Å .

**Date:** 22-10-2010  
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**Sign:** /Lage Norberg  
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