



## **AT1675 - 17 GPS/GLONASS Antenna**



The AT1675-17 is a high performance GPS L1/L2 and GLONASS antenna with an ARINC 743 footprint which can be installed on all turbine, turboprop, and piston airframes.

The AT1675-17 is FAA approved under TSO C-144 for use with GPS receivers capable of receiving L1, L2 and GLONASS signals.

# AT1675-17

## SPECIFICATIONS:

FREQUENCY:	1590 $\pm$ 25 MHz 1238 $\pm$ 21.5 MHz
POLARIZATION:	RIGHT HAND CIRCULAR
AXIAL RATIO:	3 dB MAX. AT BORE SIGHT
RADIATION COVERAGE:	ELEVATION ANGLE    MIN.GAIN
	>15 <sup>0</sup> -2.0 dBic
	10 <sup>0</sup> -3.0 dBic
	5 <sup>0</sup> -4.5 dBic
	0 <sup>0</sup> -7.5 dBic
AMPLIFIER:	
NOISE FIGURE:	2.5 dB MAX.
IMPEDANCE:	50 OHMS
VSWR:	$\leq$ 2.0:1
BAND REJECTION:	20 dB
POWER HANDLING:	1 WATT
FINISH:	POLYURETHANE ENAMEL
WEIGHT:	8 OZ. MAX.
ALTITUDE:	55,000'
OPERATING TEMP:	-55 <sup>0</sup> C TO +85 <sup>0</sup> C
DESIGNED TO:	
DO-160D. ENV. CAT:	F2-ABB[S(CLMY)U(FF1)]XSFDZSXXPX[A3][2A]CX
ARINC 743	
TSO:	C-144

STANDARD MODEL = AT1675-17W-TNCF-000-RG-40-NM