

NEW

AT 165

Air Traffic Control Mode A/C Transponder

The AT165 Features:

- New Surface Mount Design
- Lightweight (1.7lb)
- High Power 250W 100% Solid State Transmitter
- Compatible with leading Altitude Encoders & Encoding Altimeters
- Directly replaces original AT50, AT50A, AT150, and AT155
- Altitude Display with Hold Alert
- Multiple timers with Audible Alert
- One Touch VFR
- Innovative Backup Display
- Easy to grip knob for data entry
- **Coming soon ... Direct replacements for your KT76A**



Building on the tradition of the AT150 – the workhorse ATC transponder of the industry - NARCO proudly introduces the ALL NEW AT165. Exciting features such as our one-touch code entry knob, multiple timers with alarm output, and altitude display with visual and audible altitude hold warning make the AT165 the pilot's choice for the modern avionics panel. Our innovative dual independent displays with single button data exchange will always give the pilot the ability to fly confidently in the unlikely event of a display problem.

The AT165 is both a receiver and a 250W transmitter which responds automatically to ground based radar interrogation. When interrogated, the squawk code and the pressure altitude of the aircraft are displayed on the ATC radar screen. Audible alerts from the AT165 warn the pilot when flying outside of the desired altitude range.



AT165 ATC Transponder

Instant VFR button

Altitude hold with audible alert

3 independent timers with audible alert

Code setting is fast and easy with single knob control



Performance Specifications

MECHANICAL

Physical Dimensions 11.25"L x 1.75"H x 6.25"W
Weight 1.7 Lbs.

ELECTRICAL

Supply Voltage 11-32 VDC
Operating Current 750mA Typical 1.75A Maximum
Pilot Lamp Only Current 260mA

RECEIVER

Frequency 1030 MHz
Sensitivity -72dBm typical
TSO Compliance C74c

TRANSMITTER

Frequency 1090 MHz
Tolerance ± 3 MHz
Power 250W Typical

EXTERNAL INTERFACES

Alert Audio Output 30mW minimum
Altitude Encoder Input Gray Code



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