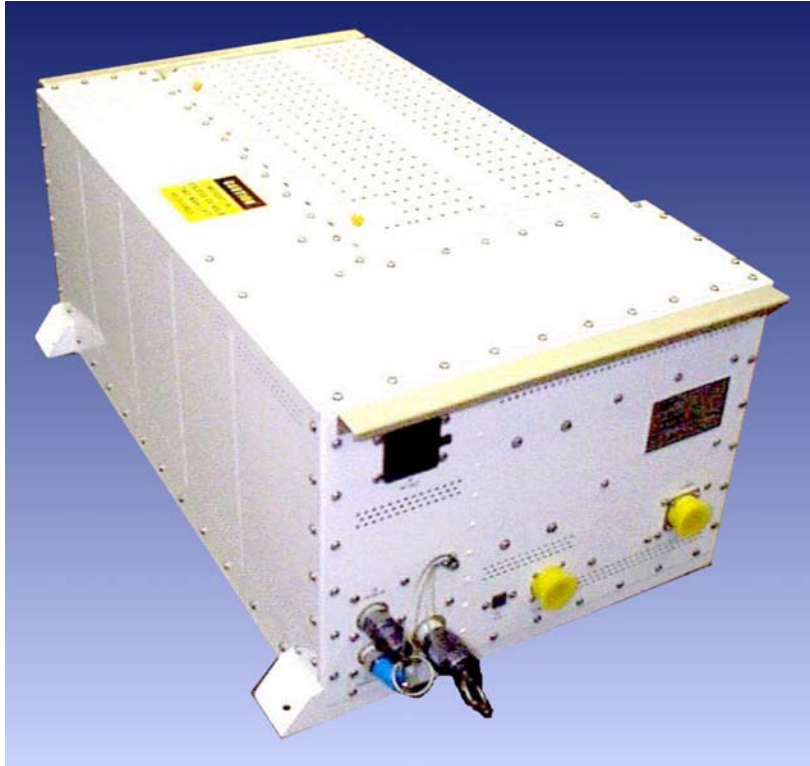


## Transmitters

# VZX 3495 Airborne TWTA



### Description:

X-band coupled cavity travelling wave tube transmitter with solid state pre-amplifier. Features a series resonant high voltage power supply with dual depressed collector stages.

### Features:

- Frequency: 8.4 - 9.0 GHz
- Peak RF Output Power: 15 kW (minimum)
- Duty Cycle: 6%
- Pulsewidth: 20 - 130  $\mu$ Sec
- Gain: 71 dB
- Input Power: 199 VAC, 3 Phase, 400 Hz, 10A
- Control: Remote enable, interlock, PRF/PW with 16 bit serial status report.
- Output: WR 90 waveguide
- Cooling: Liquid, 3 GPM, MIL-C-87252
- Size: 26" x 17" x 12"
- Weight: 172 lbs

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