

Michael Viau, Boeing Radio Frequency Manager
(937)510-8498
Michael.t.viau@boeing.com

Equipment:

Tel Instrument T-47G (ramp test set)

Equipment Description:

The T-47G Test Set provides unsurpassed reliability and ruggedness from over 45 years of experience and proven results with U.S. and foreign militaries. The Test Set capabilities allow test and analysis of the following systems: Transponders (Modes 1, 2, 3A, C, and 4 IFF), TACAN (Tactical Air Navigation), DME (Distance Measuring Equipment), Interrogator (Modes 1, 2, 3A, C, and 4), and TCAS (Traffic Alert and Collision Avoidance Systems). Code of the Day (MODE 4) memory permits full Interrogator and Transponder tests in actual environments, ensuring compliance.

Frequencies:

963, 987, 1188, 1030, 1090 MHz

Emission Designators:

14M0V1D, 14M0M1D, 14M0K1D

Power:

5 W

Stop Buzzer:

Primary: Taylor, James L (316)977-2752 james.l.taylor2@boeing.com

Secondary: Fedyk, Kevin M (210)284-3151 kevin.m.fedyk@boeing.com

Technical Description:

The T-47G will be used to verify the operation and installation of transponder modes 1, 2, 3A, C, & 4 on multiple Aircraft prior to flight. Will also be used to check TACAN, DME, and TCAS frequencies. Elevation will always be set to BELOW SEA LEVEL when performing these tests. We can also test at any time of day as recommended by FAA or local users.

Location:

San Antonio, Texas N29-23-20 W098-34-29 Radius: 1km