

AVX-10K

Military Flight Line Test Set

NSN: 6625-01-724-4448

The AVX-10K is a comprehensive test solution providing Maintenance Technicians with an easy-to-use all-in-one instrument for testing multiple systems. Built-in auto tests and the ability to create guided tests that replicate existing procedures will save time and provide consistent, repeatable test results.

Airborne Systems Tested

Communication	Navigation	Surveillance
<ul style="list-style-type: none"> • AM/FM/SSB • HF/VHF/UHF • SELCAL 	<ul style="list-style-type: none"> • TACAN • DME • VOR • ILS • ELT 	<ul style="list-style-type: none"> • Military Modes 1/2/3 • Modes A/C/S • ADS-B In/Out 978/1090 MHz • ETCAS • ACAS/TCAS I/II



Lightweight,
ergonomic,
easy to use
test set.

Key Features

Replaces Multiple Test Sets

- IFR4000, IFR4000AR, IFR6000, IFR6015
- 3515 for Airborne COMMs Testing including scripting* capability

COMMUNICATIONS System Testing

- AM/FM Transceivers
- Over-the-Air (RSSI) or direct connect testing
- Guided Test

NAVIGATION System Testing

- TACAN and DME Interrogator Test
- ILS (Localizer/Glideslope/Marker Beacon)
- 121.5/243/406 MHz ELT
- Auto pilot test
- Guided Test

SURVEILLANCE System Testing

- Automated transponder testing
- Automated ADS-B surface/air testing
- 5 simulated ADS-B/ADS-R/TIS-B traffic targets
- Standard and user-programmable TCAS scenarios
- Over-the-Air, direct, or coupled testing

General

- VSWR/DTF Antenna and Coax Testing
- Cable Loss Measurements
- Battery operation >4 hrs continuous, >8 hrs typical

* Consult factory for availability.

AVX-10K Military Configurations and Ordering Information (CAGE: 51190)

Preconfigured Kits (• = Standard Item, all other items optional)

					AVX-10K-NAV-M 22182233 6625-01-559-2384	AVX-10K-SVLC-M 22182230	AVX-10K-MIL 22182232 6625-01-724-4448 6625-01-726-6289
		Catalog No.	P/N	Item Description			
TEST CAPABILITY	SOFTWARE OPTIONS	AVX-10K-SXPDR	22142210	Transponder Modes A,C,S		•	•
		AVX-10K-SADSB	22142212	ADS-B-In/Out/GICB/FIS-B		•	•
		AVX-10K-STCAS	22142213	TCAS I/II		•	•
		AVX-10K-SDME	22154823	DME		•	•
		AVX-10K-SUAT	22142214	UAT In/Out			•
		AVX-10K-SNAV	22142216	Navigation (ILS - LOC, GS, MB)	•		•
		AVX-10K-SELT	22142217	ELT 121.5/243/406 MHz	•		•
		AVX-10K-SCOM	22142218	Radio Test AM/FM (COMMs)	•		•
		AVX-10K-SECOM	22183325	Radio Test Enhanced (COMMs)	•		•
		AVX-10K-STACAN	22174694	TACAN		•	•
		AVX-10K-SETCAS	22174693	E-TCAS		•	•
		AVX-10K-SM1/2	22174692	XPDR Military Modes 1/2/3		•	•
		AVX-10K-SSECURE	22183049	Secure (Wireless Disabled) Mode	•	•	•
Item #	Qty						
1	1	AVX-10K TEST SET	22137163	AVX-10K Base Unit	•	•	•
2	1	AC10K-PWRADPTR	22146602	AC/DC Power Adapter	•	•	•
3	1	AC10K-ANT-ILS	22153600	Antenna, ILS and COMMs	•		•
4	1	AC10K-ANT-MB	22153599	Antenna, 75 Mhz MB	•		•
5	1	22141787	22141787	Antenna, RF Flat Panel		•	•
6	1	87431	87431	Shield/Coupler, UC-584		•	•
7	1	22183050	22183050	Attenuator	•		•
8	1	22183051	22183051	Headset Adapter	See Note 1		See Note 1
9	1	AC10K-ADPTRKIT	AC10K-ADPTRKIT	Adapter Kit	•	•	•
10	1	62401	62401	Cable, Coax 1'	•	•	•
11	1	AC10K-CBL6FT	22152432	Cable, Coax 6'	•	•	•
12	1	141131	141131	Cable, Coax 25'		•	•
13	1	AC10K-PWRCRD-US/CAN	22022754	AC Power Cord, US/Canada	•	•	•
14	1	AC10K-PWRCRD-EU	22022744	AC Power Cord, Continental Europe	•	•	•
15	1	AC10K-OPSMNL	22141759	Operations Manual	•	•	•
16	1	AC10K-QSGUIDE	22135253	Quick Start Guide	•	•	•
17	1	AC10K-HANDSTRAP	22142165	Hand Strap	•	•	•
18	1	AC10K-TRANCASE	22138519	Transit Case	•	•	•

1: Optional - Consult Factory for Availability



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