

# AVX-10K

## AVX-10K Letter of Equivalency for IFR4000/IFR6000/IFR6015 Test Sets

This letter acts as the formal statement of the equivalency of the new VIAVI Solutions AVX-10K to the legacy VIAVI Solutions IFR4000/IFR6000/IFR6015.

Please note: IFR4000/IFR6000/IFR6015 products, formerly from IFR and Aeroflex, are now from VIAVI Solutions.

### Equivalency Statement

**The AVX-10K test system is equivalent to the IFR4000/IFR6000/IFR6015 in capabilities and technical specification for aircraft certification and testing.**

Where the IFR4000/IFR6000/IFR6015 are currently used for testing, the new AVX-10K can be used as a direct replacement. A detailed side by side comparison is also available for technical evaluation.



AVX-10K



IFR4000



IFR6000/6015



AVX-10K

## Test System Model Equivalency

The below table identifies equivalency by model and NSN. Reference the AVX-10K product brochure for detailed options and accessories included with each configuration.

Discontinued Test Sets	NSN	AVX-10K Equivalent Configuration/Opt	VIAVI Suggested Replacement
IFR4000 (72418)	6625-01-516-4656	AVX-10K-NAV (22154862)	AVX-10K-MIL (22182232) 6625-01-724-4448 Note: All options are included
	6625-01-515-0343		
IFR4000AR (22141721)	6625-01-559-2384	AVX-10K-NAV-M (22182233)	AVX-10K-MIL (22182232) 6625-01-724-4448 Note: All options are included
IFR4000 (72418)	6625-01-553-1956	AVX-10K-NAV (22154862) with AVX-10K-SELT Option	
IFR4000EMB (72420)			

### IFR4000 Options

4000OPT1 ELT (83402)		AVX-10K-SELT	AVX-10K-SELT
----------------------	--	--------------	--------------

IFR6000 (72422)	6625-01-069-5582	AVX-10K-SVLC (22154822)	AVX-10K-MIL (22182232) 6625-01-724-4448 Note: All options are included
	6625-01-529-1369		
	6625-01-572-1213		
	6625-01-561-7078	AVX-10K-SVLC (22154822) with AVX-10K-STCAS Option	AVX-10K-MIL (22182232) 6625-01-724-4448 Note: All options are included
	6625-01-686-5638		
	6625-01-567-5667		
IFR6000EMB (72423)			
IFR6015 (72424) includes TCAS Opt	6625-01-601-4034	AVX-10K-SVLC-M (22182230)	AVX-10K-MIL (22182232) 6625-01-724-4448 Note: All options are included
	6625-01-574-2423		

### IFR6000/6015 Options

6000OPT2 TCAS (83410)		AVX-10K-STCAS	AVX-10K-STCAS
6000OPT3 ADS-B (83411)	6625-01-672-1114	AVX-10K-SADSB	AVX-10K-SADSB
6000OPT5 UAT (112795)		AVX-10K-SUAT	AVX-10K-SUAT

IFR4000/IFR6000 Combined		AVX-10K-CNS (22154861) 6625-01-718-8810	AVX-10K-CNS (22154861) 6625-01-718-8810
IFR4000AR/IFR6015 Combined		AVX-10K-MIL (22182232) 6625-01-724-4448	AVX-10K-MIL (22182232) 6625-01-724-4448

**Note: The above is shown for capability equivalency, the AVX-10K is configurable and any software option can be added to any configuration.**

## Capability and Application Details

### Summary of Test Application

Application	IFR4000	IFR6000	IFR6015	AVX-10K
ATCRBS - Modes A/C		•	•	•
Transponder MODE S		•	•	•
ADS-B In/Out		•	•	•
ADS-B Auto Test AC20-165B		•	•	•
UAT In/Out		•	•	•
GICB		•	•	•
TCAS I/II		•	•	•
TAS		•	•	•
TIS-B		•	•	•
FIS-B		•	•	•
DME		•	•	•
TACAN			•	•
ETCAS			•	•
XPDR Military Modes 1/2/3			•	•
VOR	•			•
ILS (LOC-G/S)	•			•
MB	•			•
ELT 121.5/243/406 Mhz	•			•
AM/FM COMMS HF/VHF/UHF/SSB	•			•
SELCAL	•			•
Morse Code IDENT	•			•
VSWR	•			•

### Additional Capabilities/Features

DTF				•
Cable Loss				•
ADS-B Auto CS-ACNS				•
Traffic - Five targets ADS-B/ ADS-R/TIS-B				•
Wireless Operation via any remote device				•*
GPS Rx		•	•	•
StrataSync Cloud Based Asset/ Report Mgmt.				•*
Headset Adapter for COMMs Verification				•

\*Note: Wireless and cloud functions are disabled by default in the AVX-10K-NAV-M, AVX-10K-SVLC-M, and AVX-10K-MIL variants.

Our team has been serving the avionics test community since 1968 as IFR, Aeroflex, and now VIAVI. In that time, we have developed industry-standard test solutions that have been utilized daily by airborne equipment OEMs and repair facilities worldwide. It's our equipment that almost all OEMs rely on to develop, factory test, and return to service the avionics that is so critical to flight safety.

We appreciate your trust in our experience for your flight line test solution needs.

Please reference the following supporting documents:

[Commercial Flight Line Test Set Brochure](#)

[Military Flight Line Test Set](#)

[Data Sheet](#)

[Request your own IFR4000 and IFR6000/IFR6015 Detailed Specification Comparison documents](#)

For more information about the AVX-10K

please visit [viavisolutions.com/en-uk/products/avx-10k-flight-line-test-set](http://viavisolutions.com/en-uk/products/avx-10k-flight-line-test-set)

For technical assistance and questions please contact 844-GO-VIAVI

or email [techsupport.avcomm@viavisolutions.com](mailto:techsupport.avcomm@viavisolutions.com)

**Ed Latimer**

Director of Avionics Test, VIAVI Solutions



Contact Us: +1 800 835 2352 | [avcomm.sales@viavisolutions.com](mailto:avcomm.sales@viavisolutions.com).

© 2025 VIAVI Solutions Inc. Product specifications and descriptions in this document are subject to change without notice. Patented as described at [viavisolutions.com/patents](http://viavisolutions.com/patents)

avx10k-equivalency-tn-avi-nse-ae  
30193261906 0825

[viavisolutions.com](http://viavisolutions.com)