

RANGR ADS-B TRANSCEIVER

CERTIFIED. COMPLETE. COMPLIANT.

Building on systems engineering and integration know-how, FreeFlight Systems effectively implements comprehensive, high-integrity avionics solutions. We are focused on the practical application of NextGen technology to real-world operational needs — OEM, retrofit, platform or infrastructure.

FreeFlight Systems is a community of respected innovators in technologies of positioning, state-sensing, air traffic management datalinks — including rule-compliant ADS-B systems, data and flight management. An international brand, FreeFlight Systems is a trusted partner as well as a direct-source provider through an established network of relationships.

**3 GENERATIONS OF EXPERIENCE
BEHIND NEXTGEN AVIONICS**

NEXTGEN LEADER. INDUSTRY EXPERT. TRUSTED PARTNER.
SHAPE THE SKIES.



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RANGR ADS-B TRANSCEIVER

Designed to perform and built to last, the RANGR Transceiver product line provides the ultimate in ADS-B technology in a small, lightweight package that has been proven in the harshest flying environments.

SPECIFICATIONS RANGR ADS-B TRANSCEIVERS



RANGR BLUE

Superior performance, fully-featured solutions for whatever you fly.

Model	FDL-978-XVR	FDL-978-XVR/G	FDL-978-XVRD	FDL-978-XVRD/G
Capabilities	ADS-B In/Out	ADS-B In/Out	ADS-B In/Out	ADS-B In/Out
Dual-Band Receive			•	•
Ethernet Connectivity			•	•
Diversity Capability	•	•	•	•
MFD Display	•	•	•	•
iPad/Android Tablet Display	•	•	•	•
TSO-C154c	•	•	•	•
TSO-C145c		•		•
TSO-C157a TSO-C195a	•	•	•	•
DO-160G DO-178B Level C DO-254 Level C	•	•	•	•
Internal WAAS/GPS		•		•
WHAT'S IN THE BOX? WiFi Module	•	•	•	•
UAT Antenna	•	•	•	•
GPS Antenna		•		•

All RANGR systems weigh in at less than two pounds - weight includes antennas and coax cables. Units are TSO'd and STC approved in accordance with AC 20-165B and AC 20-172A.

FreeFlight's RANGR Transceiver series consists of fully-featured, TSO-certified ADS-B solutions that accommodate a wide variety of needs. RANGR products are designed to interface with a broad range on aircraft avionics and tablet applications including including ForeFlight, WingX Pro, iFly GPS, eKneeboard, Jeppesen FlightDeck, Avare, and FlyQ EFB. RANGR systems are tested in the most demanding flight applications, ensuring superior long-life performance.



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