

STC: ST02795LA (FAA)

## ALA-52B Radar Altimeter

Aircraft Models Approved: 767-200 series, 767-300 series, 767-300F series and 767-400ER series

Global Certification Approvals: EASA STC# 10081075 REV. 2

### The ALA-52B radar altimeter takes the worry out of instrument landing at hundreds of U.S. airports

Honeywell is delighted to introduce STC ST02795LA to upgrade the Boeing 767-200/-300/-300F/-400ER Series with Honeywell's ALA-52B, allowing Operators/Installers to replace incumbent Honeywell, Rockwell-Collins and Thales systems with the latest ALA-52B Radar Altimeter which is immune to interference from 5G cellular networks.

This upgrade eliminates the operational restrictions in the Airworthiness Directive (FAA-2022-0095-0001) and enables operators to freely access all US airports with no 5G limitations.



#### Contents:

- Engineering Service Bulletin
- Illustrated Parts Catalogue (IPC) Supplement
- Instructions for Continued Airworthiness (ICA) Supplement

**Limitations/Conditions:** Prior to installation of this change/repair it must be determined that the interrelationship between this change/repair and any other previously installed change and/or repair will introduce no adverse effect upon the airworthiness of the product. See Installation pre-requisites section below.

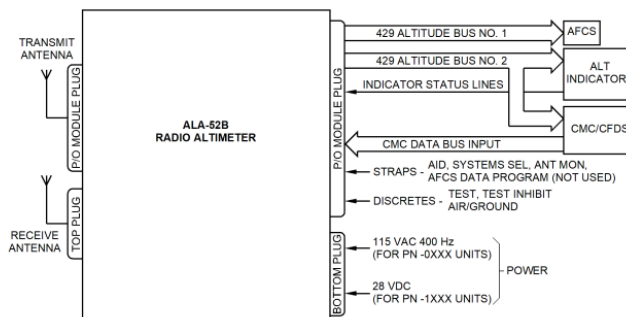
**Right To Use (RTU) Fees:** STC is being offered to all Honeywell Authorized dealers and operators. For orders and pricing, consult Sales focal below for the applicable Honeywell Sales Bulletin or proposal.

**Contact Us** at [stcrtu@honeywell.com](mailto:stcrtu@honeywell.com) for additional information regarding this STC, for support regarding upgrade requirements, or to purchase STC rights to use. **Honeywell Sales:** Brett D Breuel [Brett.Breuel@Honeywell.com](mailto:Brett.Breuel@Honeywell.com)

#### Product / System Information:

The ALA-52B Radar Altimeter, designed and manufactured by Honeywell Aerospace, is part of the Quantum™ line of communications and navigation equipment. The ALA-52B radar altimeter, a lightweight, solid-state, airborne altimeter, provides accurate digital height measurements above terrain during aircraft approach, landing, and climb-out phases. The operating range is -20 feet to +8000 feet.

See the product web page [ALA-52B Radar Altimeter](#) or visit us at [www.aerospace.honeywell.com](http://www.aerospace.honeywell.com) for more information.



**Operating Modes or Configurations:** Not Applicable.

This STC installs the following LRU equipment:

Part No.	Description	Comments		
066-50007-0631	ALA-52B Radar Altimeter	Replaces following Radar Altimeters:		
		Incumbent Model	QTY	Incumbent P/N
		Honeywell ALA-52B	3	066-50007-0101
			3	066-50007-0111
			3	066-50007-0531
		Honeywell ALA-52A	3	2041166-5203
			3	2041166-5204
			3	2041166-5205
			3	2041166-5206
		Collins LRA-700	3	622-4542-103
			3	622-4545-120
		Collins LRA-900	3	822-0334-002
		Thales ERT-530	3	9599-607-14923
			3	9599-607-14939
3	9599-607-14940			

**Installation Kit Contents:** No kits required. No impact to existing aircraft wiring or Radar altimeter antennas. Unit is drop-in replacement without any existing wiring and antenna modifications.

**Installation pre-requisites:**

- The type design for the STC requires all three Radar Altimeters to be replaced as a set.

**Installation time:** ~2 hours per aircraft including access, remove/replace, testing and close, when performed by an experienced crew.

**Installation Procedure:**

- Ground aircraft and remove electrical power. Gain access to flight deck overhead circuit breaker panel and open and collar circuit breakers
- Gain access to Electronic Equipment Rack through Forward Cargo Door. Temporarily remove access panel in Forward Cargo Compartment
- Remove existing Left, Right and Center Radar Altimeters and dispose per operator disposition
- Install new Left, Right and Center Radar Altimeters in designated locations (note: All Radar Altimeters must be replaced, intermixing of part numbers is not allowed)
- Perform Radar Altimeter operational test per AMM
- Restore aircraft systems to normal, reinstall access panel in forward cargo compartment and close out installation