

	SERVICE BULLETIN SBLSA-010-2016	Revision: 0
		Date: 24.03.2016
This Service bulletin has been produced in accordance with approved Alternative Procedures to DOA EASA.AP356. Technical data has been approved by EASA under Approval No.:		
<input type="checkbox"/> INFORMATION <input type="checkbox"/> RECOMMENDED <input checked="" type="checkbox"/> MANDATORY		

A. SUBJECT:

Installation of RDST Garmin GNC 255A / GTR 225A with 8.33 kHz channel spacing.

B. AFFECTED AIRPLANES:

DY-337/2009 LSA;	DY-347/2010 LSA;	DY-363/2010 LSA;	DY-377/2010 LSA;
DY-387/2010 LSA;	DY-390/2010 LSA;	DY-391/2010 LSA;	DY-395/2010 LSA;
DY-442/2012 LSA;	DY-448/2012 LSA;	DY-449/2012 LSA;	DY-460/2012 LSA;
DY-461/2012 LSA;	DY-463/2013 LSA;	DY-470/2013 LSA;	

C. REASON:

The Commission Implementation Regulation (EU) No 1079/2012 lays down requirements for the coordinated introduction of air-ground voice communications based on 8.33 kHz channel spacing below FL 195.

Without prejudice to Article 2(5), from 1st January 2018 an operator shall not operate an aircraft in airspace where carriage of radio is required unless the aircraft radio equipment has the 8,33 kHz channel spacing capability.

D. REQUIRED ACTION:

Replacing of RDST Garmin SL30 with Garmin GNC 255A or replacing of RDST Garmin SL40 with Garmin GTR 225A.

Note: Refer also to the installation manuals for Garmin GNC 255A / GTR 225A, actual valid revision.

1. Remove original RDST and rack (SL30 / SL40).
2. Enlarge the hole in the instrument panel according to new installed RDST and rack (GNC 255A / GTR 225A).
3. Attach the rack to the instrument panel and stiffen its attachment by struts. Install the RDST Garmin GNC 255A / GTR 225A according to the drawing D39180001A.
4. Check the position of RDST and other surrounding instruments.
5. Install the wiring harnesses according to the wire diagrams:
 Garmin GNC 255A – drawings No.: D90108005A, D90118005A
 Garmin GTR 225A – drawings No.: D90108005B, D90118005B
6. Perform ground and flight checks according to the installation manuals for Garmin GNC 255A / GTR 225A.
7. Inform the airplane manufacturer Aerospool spol. s r. o. (office@aerospool.sk) when the bulletin is accomplished. Based on data listed below the Aerospool spol. s r. o. will ensure up-date of Flight Conditions and EASA Form 18B.
 - Photo of instrument panel with new RDST
 - Up-dated pages of Pilot's Operating Handbook (POH) and Airplane Maintenance Manual (AMM)
 - Ground and flight check records.

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☐ INFORMATION☐ RECOMMENDED☒ **MANDATORY****E. COMPLIANCE:**

Up to 31st December 2017.

F. WEIGHT AND BALANCE:

Weight change: Negligible

Moment change: Negligible

G. ACTION CARRIED OUT BY:

- Airplane manufacturer Aerospool spol. s r. o.
- Maintenance organisation (Part-M, Part-145)
- Independent staff qualified in accordance with Part-66

H. COSTS COVERED BY:

Owner / Operator.

I. NECESSARY MATERIAL:

See part list of drawing D39180001A

Note: The struts may also be made of material with similar strength.

J. DOCUMENTATION:

Maintenance organisation / Independent staff performing the bulletin:

- Up-date affected chapters of Pilot's Operating Handbook and Airplane Maintenance Manual (supplements for radio GNC 255A / GTR 225A enclosed)
- Record the compliance with this Service Bulletin in the airplane documentation.

Airplane manufacturer Aerospool spol. s r. o.:

- Up-date of Flight Conditions and EASA Form 18B

Owner:

- Update Permit to Fly at the NAA state of registry.

K. ENCLOSURES:

D39180001A – INST. GNC 255A / GTR 225A

D90108005A – SCHEMATIC NAV/COMM: GNC 255A SYSTEM

D90118005A – CABLE NAV/COMM: GNC 255A SYSTEM

D90108005B – SCHEMATIC COMM/VHF: GTR 225A SYSTEM

D90118005B – CABLE COMM /VHF/: GTR 225A SYSTEM

AS-POH-01-004 – POH Supplement No. 004 - Garmin GNC 255A NAV/COM

AS-POH-01-008 – POH Supplement No. 008 - Garmin GTR 225A COM

L. APPROVAL:

Vladimír Martinák
Head of Design Organisation

Position, Name, Signature



Jozef Šnirc
Technical Director

Position, Name, Signature