

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.:

☐ INFORMATION☐ RECOMMENDED☒ **MANDATORY**

This Service Bulletin revises SBLSA-006-2015, Revision 0 dated 16.03.2015.

A. SUBJECT:

Check of the manifold pressure limits and marking for airplanes equipped with systems Dynon SkyView / Flymap and engine Rotax Type 914 Series.

B. AFFECTED AIRPLANES:

DY-400/2011 LSA;	DY-420/2011 LSA;	DY-428/2011 LSA;	DY-429/2012 LSA;
DY-433/2012 LSA;	DY-435/2012 LSA;	DY-439/2012 LSA;	DY-445/2012 LSA;
DY-459/2012 LSA;	DY-468/2013 LSA;	DY-475/2013 LSA;	DY-477/2013 LSA;
DY-479/2013 LSA;	DY-485/2013 LSA;	DY-493/2014 LSA;	DY-494/2014 LSA;
DY-500/2014 LSA;	DY-510/2014 LSA;		

C. REASON:

Discrepancies between manifold pressure limits set in the Dynon SkyView / Flymap and limits in the airplane manuals.

D. REQUIRED ACTION:

To comply with the data contained in this bulletin it is necessary to:

1. Verify the manifold pressure limits set in the system Dynon SkyView / Flymap and if necessary adjust them according to the following procedure.

For airplanes with Dynon SkyView:

- 1.1. Switch on the Dynon SkyView SV-D1000 (if two screens are installed, both must be switched on due to data synchronization).
- 1.2. Press and hold button 7 and 8, release when the settings menu is shown.
- 1.3. Using the rotary knob enter the EMS SETUP / SENSOR SETUP / MANIFOLD PRESSURE.
- 1.4. Verify/adjust the manifold pressure limits according to the Table 1.
- 1.5. Press EXIT to leave the setup menu.

For airplanes with Flymap:

- 1.1. Switch on the Flymap (each display must be verified individually).
 - 1.2. Press MENU and thereafter the field → until the tab ENGINE DATA is available.
 - 1.3. Enter "ems5" in the field ADMIN PASSWORD and select AUTHENTICATE.
 - 1.4. Press the field EDIT next to the item MANIP.
 - 1.5. Verify/adjust the manifold pressure limits according to the Table 2.
 - 1.6. Press SAVE SETTINGS and then YES.
 - 1.7. Press BACK to leave the setup menu.
2. Up-date affected pages of Pilot's Operating Handbook (POH) and Aircraft Maintenance Manual (AMM). Revised pages are enclosed to this Service Bulletin.

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Range 1	ENABLE	YES
	COLOR	RED
	TOP	50.0 INHG
	BOTTOM	39.9 INHG
Range 2	ENABLE	YES
	COLOR	YELLOW
	TOP	39.9 INHG
	BOTTOM	35.4 INHG
Range 3	ENABLE	YES
	COLOR	GREEN
	TOP	35.4 INHG
	BOTTOM	10.0 INHG*
Range 4	ENABLE	NO
	COLOR	YELLOW
	TOP	0 INHG
	BOTTOM	0 INHG
Range 5	ENABLE	NO
	COLOR	RED
	TOP	0 INHG
	BOTTOM	0 INHG

*11.8 INHG for Dynon SkyView with firmware versions lower than 12.0.

Table 1 Dynon SkyView

MAXIMUM	41
RED (MAX)	41
RED / YELLOW	40
YELLOW / GREEN	35
GREEN / YELLOW	10
YELLOW / RED	10
RED (MIN)	0
MINIMUM	0

Table 2 Flymap

E. COMPLIANCE:

At next periodic inspection.

F. WEIGHT AND BALANCE:

Weight change: N/A

Moment change: N/A

G. ACTION CARRIED OUT BY:

- Manufacturer Aerospool spol. s r. o.
- Pilot or owner

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H. COSTS COVERED BY:

None.

I. NECESSARY MATERIAL:

None.

J. DOCUMENTATION:

Pilot's Operating Handbook

Aircraft Maintenance Manual

SkyView System Installation Guide, actual valid revision for firmware

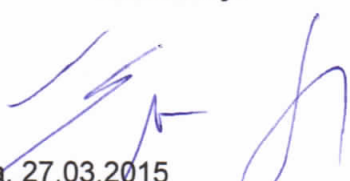
EMSAHRS Installation and Operation Manual, actual valid revision

K. ENCLOSURES:

Revised pages of POH and AMM are enclosed for each airplane serial number according to the Table 3.

Aircraft S/N:	POH revised pages	AMM revised pages
DY-400/2011 LSA	-	AMM-01_400.pdf
DY-420/2011 LSA	-	AMM-06_420.pdf
DY-428/2011 LSA	POH-01_428.pdf	AMM-06_420.pdf
DY-429/2012 LSA	POH-01_429.pdf	AMM-01_429.pdf
DY-433/2012 LSA	POH-01_433.pdf	AMM-01_433.pdf
DY-435/2012 LSA	POH-01_435.pdf	AMM-01_435.pdf
DY-439/2012 LSA	-	AMM-01_439.pdf
DY-445/2012 LSA	-	AMM-01_445.pdf
DY-459/2012 LSA	-	AMM-01_459.pdf
DY-468/2013 LSA	-	AMM-01_468.pdf
DY-475/2013 LSA	POH-01_475.pdf	AMM-01_475.pdf
DY-477/2013 LSA	POH-01_477.pdf	AMM-01_477.pdf
DY-479/2013 LSA	POH-01_479.pdf	AMM-01_479.pdf
DY-485/2013 LSA	POH-01_485.pdf	AMM-01_485.pdf
DY-493/2014 LSA	POH-03_493.pdf	AMM-04_493.pdf
DY-494/2014 LSA	POH-04_494.pdf	AMM-04_494.pdf
DY-500/2014 LSA	POH-03_500.pdf	AMM-04_500.pdf
DY-510/2014 LSA	POH-04_510.pdf	AMM-06_510.pdf

Table 3

Issued by:	Approved by:
 Prievdza, 27.03.2015	
Place, date, signature	EASA