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**INFORMATION BULLETIN No. L-13 SW-069b R2  
L-13 SE-069b R2  
L-13 SEH-011b R2  
L-13 SDM-011b R2**

**TECHNICAL CONTENT OF THIS DOCUMENT IS APPROVED ON  
THE BASIS OF AUTHORIZATION DOA NO. EASA.21J.057.**

- 1. CONCERNING TO:** All powered sailplanes L-13SW Vivat, L-13SE Vivat, L-13SEH Vivat and L-13SDM Vivat.
- 2. REASON:** Previously used fuel and oil system is replaced with MIL-DTL-2791 material with matching high pressure hose clamps.
- 3. REQUIRED ACTION:** Replacement of existing fuel and oil hoses.
- 4. LATEST DAY OF THE ACTION:** As required.
- 5. CARRIED OUT BY:** Organization authorized for maintenance / repairs of this type of aircraft.
- 6. COST COVERED BY:** Operator / owner of the aircraft.
- 7. NECESSARY MATERIAL:** See Annex to Bulletin L13SW-069b R2\_L13SE-069b R2\_L13SEH-011b R2\_L13SDM-011b R2. Clamps AEN 3862 will be supplied by Evektor-Aerotechnik a.s. company. Alternative clamps supplied by the aircraft operator / owner.
- 8. WORK PROCEDURE:** According to the current technical documentation for the aircraft.
- 9. APPENDICIES:** See Annex to Bulletin L13SW-069b R1\_L13SE-069b R1\_L13SEH-011b R1\_L13SDM-011b R1.

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**ANNEX TO BULLETIN L13SW-069b R2\_L13SE-069b R2\_L13SEH-011b  
R2\_L13SDM-011b R2.**

Hose inner diameter	Clamp according to AEN 3862	Clamp nomenclature	Hose material according to MIL-DTL 8794	Hose material nomenclature
Js 4	4 AEN 3862	051446	MIL-DTL 8794 - 4	056382
Js 6	6 AEN 3862	051451	MIL-DTL 8794 - 5	056386
Js 8	8 AEN 3862	051453	MIL-DTL 8794 - 6	056383
Js 10	10 AEN 3862	051454	MIL-DTL 8794 - 8	056387
Js 13	13 AEN 3862	051456	MIL-DTL 8794 - 10	056384

*Table 1 – Nomenclature of AEN 2863 clamps and MIL-DTL 8794 hose material according to corresponding hose inner diameter*

As an alternative to AEN 3862 clamps, clamps manufactured in accordance with the information below may be used.

Nominal size	d1 SH8	d2 H8	d3 ≈	d4	d5	d6 h11	Knuckle thread D	
							designation	dimension
4	M 7x0,75	7,5	14	15	16	17	Rd 14x1/8" left	14,3
6	M 9x1	9,5	17	17,2	18,5	20,5	Rd 16x1/8" left	16,3
8	M 11x1	12	20	19,5	21,5	24	Rd 18x1/8" left	18,3
10	M 13x1	14	23	22	24	26	Rd 20x1/8" left	20,3
13	M 16x1	17	28	26,5	28,5	30	Rd 24x1/8" left	28,3

Continued

Nominal size	d7 +0,1 0,0	e +0,5 0,0	f +0,5 0,0	g +0,2 0,0	h +0,5 0,0	l2	r	r1	α	Approx. weight kg ≈
4	11,1	20	6	14,2	29,5	7	0,8	1	10°	0,008
6	13,1	22	7	16,2	31,5	7,5	1	1,2		0,012
8	15,1	24	8	18,2	34	8		1,6		0,018
10	17,1	27	9	20,2	38	9		2		0,022
13	21,14	31	10	24,2	43	10		2,5		0,036



1. Material: Aluminium alloy 6082 T6 / ČSN 42 4400.7

In addition to the material above, equivalents listed in the table below may be used:

<b>Standard</b>	<b>Designation</b>
ČSN	42 4400.7
US (AA/UNS)	AA 6082-T6 / A96082
US (substitute)	AA 6061-T6 / A96061
EN (Europe)	EN AW-6082 T6
W.-Nr. (DIN)	3.2315

2. Surface treatment: Anodizing.

3. Threads: Metric fine thread according to ČSN ISO 724 and ČSN 01 4021. Thread tolerance grade SH 8 according to ČSN 01 4315. Left knuckle thread according to ČSN 01 4037.

4. <sup>x)</sup> Mark clamps with nominal nut size.

5. General tolerances for unspecified dimensions according to ČSN ISO 2768-1, accuracy class – m.