

**INFORMATION BULLETIN**

No.M 462-RF/35b

SUBJECT: Possibilities of extending operating period of M 462-RF aircraft engine to 650 flight hours with use of MS-20 lubricating oil.

MEASURES: On the strength of an appraisal of the condition of engines which were in flight operation in the period under review beyond the presently set operating period and on the strength of experience of the repair works it was decided by the chief designer of the manufacturers' works that, on condition of a partial inspection and maintenance of the engine being carried out, the operating period of the engine can be extended to 650 flight hours irrespective of the number of general overhauls carried out. This possibility may be utilized by all users who secure for themselves a qualified performance of an inspection and maintenance of the engine by the service department of the manufacturers' works. A partial inspection of the engine, upon a previous recommendation of the user's responsible engineer, is made within the period between 450 and 500 flight hours and a positive result of it is a condition for the extension of the operating period. This bulletin supersedes and cancels bulletins Nos. M 462-RF/18, M 462-RF/26 and M 462-RF/28.

ACTION: By service department of manufacturers' works to user's order which will be placed with an appropriate advance.

SUPPLY OF MATERIAL: The supply of material for the carrying-out of the inspection and maintenance of the engine will be secured by the user by an order placed with the manufacturers' works in accordance with the list on page 2 of this Bulletin.

COSTS TO BE BORNE: By the user

EFFECTIVENESS OF BULLETIN: After issue

Prague, 5. 8. 1982.

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Engine Manufacturer's
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List of spare parts
for extending the operating time of M 462-RF aircraft engines

			pcs
1. Sealing gasket of propeller reduction gear housing	M 462-RF-0355		1
2. Sealing gasket of propeller reduction gear housing front cover	M 462-4023		1
3. Sealing gasket of engine speed (R.P.M.) governor	P 7811-0008		1
4. Front seal. gasket of oil collector (Sump)	14-702-07	for every 3 engines	1
5. Rear seal. gasket of oil collector (Sump)	14-702-08	for every 3 engines	1
6. Cylinder seal. gasket	14-704-04		2
7. Seal. gasket of rocker arm chamber cover	14-04-513		4
8. Air intake manifold gasket	10-04-26		2
9. Packing ring	6x12 ČSN 02 9310.3		1
10. Packing ring	12x16 ČSN 02 9310.3		1
11. Packing ring	M 462-4069	for every 3 engines	3
12. Packing ring	M 462-0029		1
13. Split fin	2x20 ČSN 02 1781.02		4
14. Locking tab washer	7 ČSN 31 3288		25
15. Locking tab twin-washer	14-204-16		6
16. Locking tab twin-washer	15-04-22		2
17. Screw	M6x16 ČSN 02 1208.72		3
18. Screw M4	M 462-4033		1
19. Durite flexible tube connection	118-RD-59	for every 3 engines	1
20. Piston ring	14-05-517		1
21. Piston ring	14-05-514		1
22. Piston ring	14-05-513		3
23. Connecting flexible tube	14-707-04		2
24. Oil filter seal. gasket	30x38 ČSN 02 9310	for every 3 engines	1
25. Split pin	00-711-09		1
26. Split pin	69-RD-6		4
27. Sealing gasket	M 462-RF-0676		1
28. Sealing gasket	14-711-16		1
29. Sealing gasket	14-311-14	for every 3 engines	1
30. Sealing gasket	M 462-6050	for every 3 engines	1
31. Locking tab washer	M 462-RF-0603	for every 3 engines	1
32. Sealing gasket	M 462-6025		1
33. Locking tab washer	8,4 ČSN 02 1751.04		4
34. Sealing gasket	26-115-01		1
35. Spacer ring	M 462-4003	for every 2 engines	1
36. Oil distributor bush (sleeve)	M 462-4068	for every 2 engines	1
37. Packing ring	M 462-4101		2
38. Rubber packing ring	70x2 ČSN 029281.2	for every 3 engines	4
	(belongs to Assembly M 462-415)		

The Spare parts of Ref. Nos. 35; 36; 37; 38 are alternatively applicable in dependence on the design of the reduction gear oil distributor involved - see the Bulletin No. M 462-RF/25.

The Spare parts stated above are, however, only the basic, normally needed material for a standard extension of the engine serviceability period. A demand of any additional spare parts is in any case dependent on the serviceable condition of the engine and on the needed replacement of the additional excessively worn-out or damaged parts, or subassemblies.