

Service Bulletin No. 13/1

date: October 23rd, 1989
supersedes service bulletin no. 13

serial numbers

affected: All serial numbers of the type H-36 "DIMONA"
built before 1985, supplied with fuel tank made
of FRP.

subject: Fuel tank

reason: Possibility of obstruction to fuel supply due to
deposits in the fuel tank.

detailed

- instructions:
- 1) Replace page 36 in MOM with modified page 36,
date of issue: October 23rd, 1989.
 - 2) Empty fuel tank through drainer, dismount it.
Remove finger filter, inspect it for solid or
gelatinous deposits.
Inspect inner side of the fuel tank for
deposits through the filler-hole with mirror
and lamp.
Inspect inner side of the fuel tank for
softened spots in the gelcoat with wood
spatula.
Dismount gasoline filter, open it, inspect it
for solid or rubber-like deposits.
 - 3) Replace fuel tank with aluminum tank 820.5.12
S3a according to work order no. 4.

time of
compliance: measure 1: at receipt of this service bulletin
measure 2: at the next 50 hour inspection
If no defects as described in measure 2 are found: upon every following 100 hour inspection, at least once per calendar year.

measure 3: If faults described in measure 2 should be found: during the next 50 flight hours.

Weight and
balance: Upon measure 3, the empty weight will be decreased by 1 kg. The empty weight-CG will move 1,5 mm forwards.

Remarks: The measures of this service bulletin have to be carried out by an approved maintenance organization and verified in the log book by an entitled inspector or aircraft maintenance engineer.

After execution of measure 3, the measures of service bulletin no. 6 will be canceled.

Wr. Neustadt,
October 23rd, 1989

D. Köhler

(Dieter Köhler, Technical Manager)

BAZ approved:
7. June 1990

Kremer



Approval of translation has been done by best knowledge and judgement — in any case the original text in German language is authoritative

Hoffmann
 H 36 DIMONA
 date: October 23rd, 1989

Maintenance and
 Inspections

<u>0. Fuselage:</u>	50	100	500
1. Check exterior skin of aircraft for security and damage.	0	0	0
2. Check ailerons for function and security.	0	0	0
3. Check aileron outboard controls (thru plastic window) for function and security.	0	0	0
4. Check airbrakes for proper seat and safeties.	0	0	0
5. Remove horizontal stabilizer assy. and check mounting fittings for security and corrosion. Check rod end bearings for cracks	0	0	0
6. Check elevator attachments for function and security.	0	0	0
7. Check elevator drive for function, security and corrosion.	0	0	0
8. Check rudder mounts and cables for function and security.	0	0	0
9. Check tail wheel for function and security. Check tire for tread wear and proper inflation.	0	0	0
10. Remove rudder and lubricate hinge bushings. Drain static pitot system from water.			0
11. Remove baggage compartment floor. Check: a. Rudder cables, rudder cable drive b. Aileron bellcranks c. Airbrake drive Check all above for function, security and corrosion.		0	0
12. Remove baggage compartment panel on aft bulkhead. Inspect the following: a. Control cables b. Turnbuckles and springs in tail wheel steering. Check all above for function, security and corrosion.		0	0
13. Check brake fluid reservoir for security and proper fluid level.	0	0	0
14. Remove fuel tank, note service bulletin no. 13/1, check fuel lines and tank assembly for security and leaks.		0	0

<u>D. Fuselage:</u>	50	100	500
1. Check exterior skin of aircraft for security and damage.	0	0	0
2. Check ailerons for function and security.	0	0	0
3. Check aileron outboard controls (thru plastic window) for function and security.	0	0	0
4. Check airbrakes for proper seat and safeties.	0	0	0
5. Remove horizontal stabilizer assy. and check mounting fittings for security and corrosion. Check rod end bearings for cracks	0	0	0
6. Check elevator attachments for function and security.	0	0	0
7. Check elevator drive for function, security and corrosion.	0	0	0
8. Check rudder mounts and cables for function and security.	0	0	0
9. Check tail wheel for function and security. Check tire for tread wear and proper inflation.	0	0	0
10. Remove rudder and lubricate hinge bushings. Drain static pitot system from water.			0
11. Remove baggage compartment floor. Check: a. Rudder cables, rudder cable drive b. Aileron bellcranks c. Airbrake drive Check all above for function, security and corrosion.		0	0
12. Remove baggage compartment panel on aft bulkhead. Inspect the following: a. Control cables b. Turnbuckles and springs in tail wheel steering. Check all above for function, security and corrosion.		0	0
13. Check brake fluid reservoir for security and proper fluid level.	0	0	0
14. Remove fuel tank, note service bulletin no. 13/1, check fuel lines and tank assembly for security and leaks.		0	0