## Manual amendments

| No. | Page | Description | Date |
|---|---|---|---|
| 10 | 0, 1a, 2 - 5, 48, 52, 92, diagram 14 | Fuel hoses TN500/10 | Oktober 2016 |
| 11 | 1a, 2 - 6, 10, 13, 17, 21, 23, 24, 37, 38, 42-51, 69, 91, 93, diagrams 9, 12 | Manual revision, TN500/11 | July 2017 |
| 12 | 0, 1a, 2, 4, 6, 34, 37, 92 | TN500/13 Canopy lock, rear locking rods, manual revision | July 2019 |
| 13 | Title, 1a, 3, 4, 5, 6, 19, 49 – 54, 91 | TN500/14 Life time of the drive belt, manual revision | May 2023 |
| 14 | 1a, 2, 8, 9 | TN500/17 adjustment of elevator free play | December 2023 |
| 15 | Cover Page, 1a | TN DG-G-17, update of cover page | August 25 |
| 16 | 1a, 4, Diagramm 14 | TN 500/18 Check and replacement of the fuel hose fixed to the primer valve. | September 26 |

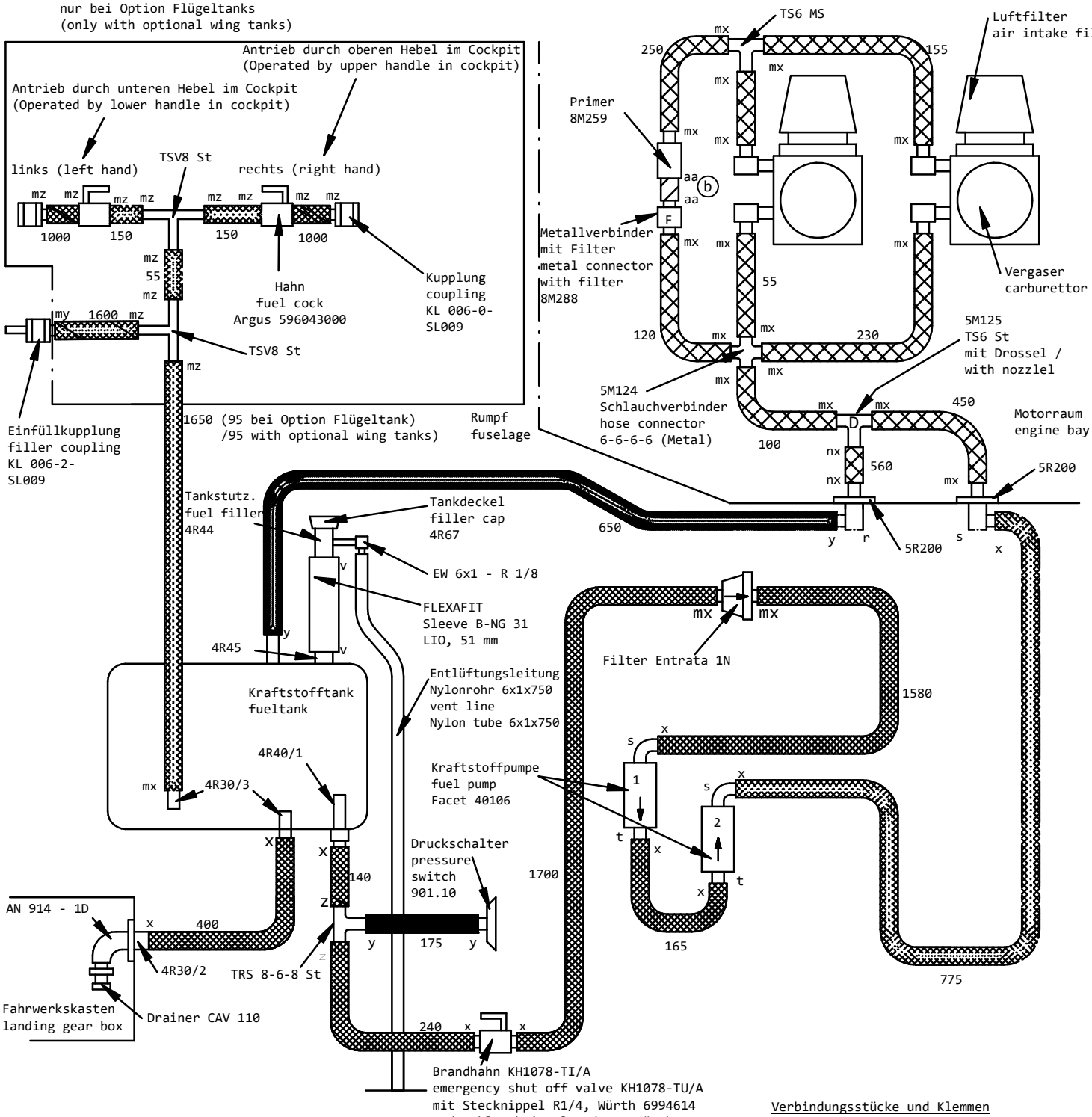
| Section | Content | Page | issued |
|---|---|---|---|
| 5 | **Weight and balance** | 86 | Nov. 98 |
| | " " | 87 | " " |
| 6. | **Instrumentation and accessories list** | 88 | " " |
| | " " | 89 | May 08 |
| | " " | 89a | May 08 |
| 7. | **List of special tools** | 90 | Nov. 98 |
| 8. | **Partslist** | 91 | May 23 |
| | " " | 92 | July 2019 |
| | " " | 93 | July 2017 |

| Diagrams | | issued |
|---|---|---|
| 1 | Elevator control , trim | April 90 |
| 2 | Rudder control | " " |
| 3 | Controls in the fuselage (aileron, wing flaps and airbrakes) | " " |
| 4 | Controls in the wings (aileron, wing flaps and airbrakes) | " " |
| 5 | Tow releases | " " |
| 6 | Water ballast system | " " |
| 7a | Landing gear, hydraulic wheel brake (wheels from ser. No. 52002 on and ser. No. 51833) | July 11 |
| 8 | Systems for static and total pressure | April 90 |
| 9 | Placards | July 2017 |
| 10 | Steerable nose wheel | April 90 |
| 11 | Powerplant | Sept. 98 |
| 12 | Cooling system | July 2017 |
| 13b | Extension-retraction mechanism | June 03 |
| 14 | Fuel system | September 2026 |
| 14a | Installation of the fuel filter | Sept. 98 |
| 15 | Propellerbrake | " " |
| 16 | Engine door control | " " |
| 17 | Retaining cable | " " |
| 18 | Retaining cable | March 04 |

| Enclosures | | issued |
|---|---|---|
| Equipment list | (94) | Nov. 98 |
| Checklist for checks and maintenance work | (95) | Nov. 98 |
| 5EP31 Installation Dräger oxygen system | | 08.10.90 |
| 5EP50 Installation ELT ACK | | 07.12.98 |
| 5E101 Wiring scheme issue I | | 25.06.03 |
| 5E102 Wiring plan DIN A 1 (in aircraft log) **or** | | 2.07.03 |
| 5E102 Wiring plan DIN A 1 **together with** | | 02.02.99 |
| 5E218 Amendment to the wiring plan 5E102 | | 25.06.03 |
| Instructions for inspection 500/20 | | July 1995 |
| Questionnaire for TN 348/4 | | " " |
| Working instruction No. 1 for TN 348/4 | | Oct. 1994 |
| Working instruction No. 2 for TN 348/4 | | " " |
| 5V18 Tool for airbrake adjustment | | 14.10.94 |
| Drawing W40 | | 30.11.99 |
| Drawing W51 | | 20.11.96 |
| Drawing W57 | | 10.09.99 |
| Drawing 8E210 | | 22.05.97 |
| Drawing 5M110 | | 23.10.02 |
| Enclosure 1 Instructions for transponder Installation | | Jan. 06 |
| Working instruction No. 1 for TN348/20 issue 3, headrest securing ropes | | 22.10.08 |

# DG-500MB
# Kraftstoffanlage/fuel system

Diagramm 14
diagram 14




Kraftstoffschläuche
fuel hoses

500

Länge [mm]
length [mm]

| | | |
|---|---|---|
| DIN 73379-2A | 6mm innen/inside dia. 6 mm | |
| DIN 73379-2A | 8mm innen/inside dia. 8 mm | |
| ISO 7840-A1 | 6mm innen/inside dia. 6 mm | |
| (b) ISO 7840-A1 | 8mm innen/inside dia. 8 mm | |

Verbindungsstücke und Klemmen
Fittings and clamps

- m Schrumpfschlauch rot 30mm lang
  heat shrink tubing red 30 mm long
- n Schrumpfschlauch blau,30mm lang
  heat shrink tubing blue 30 mm long
- s Winkelstück/elbow fitting WSAG 08 1/8" zn
- t Einschraubnippel/nipple SAG08/R 1/8" MS
- v Schlauchschelle/hose clamp 40-60
- x Schlauchschelle/hose clamp S70/7 14/9
- y Schlauchschelle/hose clamp S70/6 13/9
- z 1-Ohrklemme/ear clamp 157.3
- (b) aa Schlauchschelle/hose clamp S70/8 16/9


Ausgabe September 2026 TM 500/18
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