| No. | Page | Description | Date |
|---|---|---|---|
| 11 | 0.2, 0.5, 0.6, 6.1, diagrams 7 + 20 | Drive belt tensioning bolt, manual revision TM1000/40 | September 2018 |
| 12 | 0.1, 0.7,<br>Enclosure 1 page 2 and diagram 2a | Rudder control operated by hand TN1000/36 Revision 1 | January 2019 |
| 13 | 0.2, 0.6, 0.12, diagram 13,<br>diagram 16A | TN1000/43, fuel injection system | September 2019 |


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**List of effective pages (cont.)**

| Section | page | issued | replaced | replaced | replaced |
|---|---|---|---|---|---|
| 7 | 7.1 | October 2010 | March 2016 | | |
| | 7.2 | October 2012 | March 2016 | | |
| 8 | 8.1 | October 2010 | October 2012 | July 2017 | |
| | 8.2 | " | October 2012 | July 2014 | July 2015 |
| | | | July 2017 | | |
| | 8.3 | " | October 2012 | July 2014 | July 2015 |
| | | March 2016 | | | |
| | 8.4 | " | October 2012 | | |
| | 8.5 | July 2014 | | | |
| 9 | 9.1 | October 2010 | | | |
| | 9.2 | " | | | |
| | 9.3 | " | | | |
| | 9.4 | " | | | |
| | 9.5 | " | | | |
| | 9.6 | " | | | |

| **Diagram** | issued | replaced | replaced | replaced | replaced |
|---|---|---|---|---|---|
| 1 | October 10 | | | | |
| 2 | October 10 | October 2012 | March 2016 | | |
| 3 | June 05 | October 2012 | | | |
| 4 | Nov. 01 | | | | |
| 5 | October 10 | | | | |
| 6 | October 10 | | | | |
| 7 | October 10 | October 2012 | Dec. 2017 | March 2018 | September 2018 |
| 8 | October 10 | | | | |
| 9 | October 10 | | | | |
| 10 | October 10 | July 2017 | | | |
| 11 | October 10 | | | | |
| 12 | October 10 | July 2017 | | | |
| 13 | October 10 | Sept. 2019 | | | |
| 14 | October 10 | July 2017 | | | |
| 15 | October 10 | October 2012 | Dec. 2017 | | |
| 16 | October 10 | October 2012 | July 2015 | | |
| 16A | Sept. 2019 | | | | |
| 17 | October 10 | | | | |
| 18 | October 10 | | | | |
| 19 | October 10 | | | | |
| 20 | October 10 | September 18 | | | |
| 21 | October 10 | | | | |
| 22 | October 10 | | | | |
| 23 | October 10 | October 2012 | July 2017 | | |
| 24 | October 10 | | | | |
| 25 | October 10 | | | | |
| 26 | October 10 | | | | |
| 27 | October 10 | | | | |

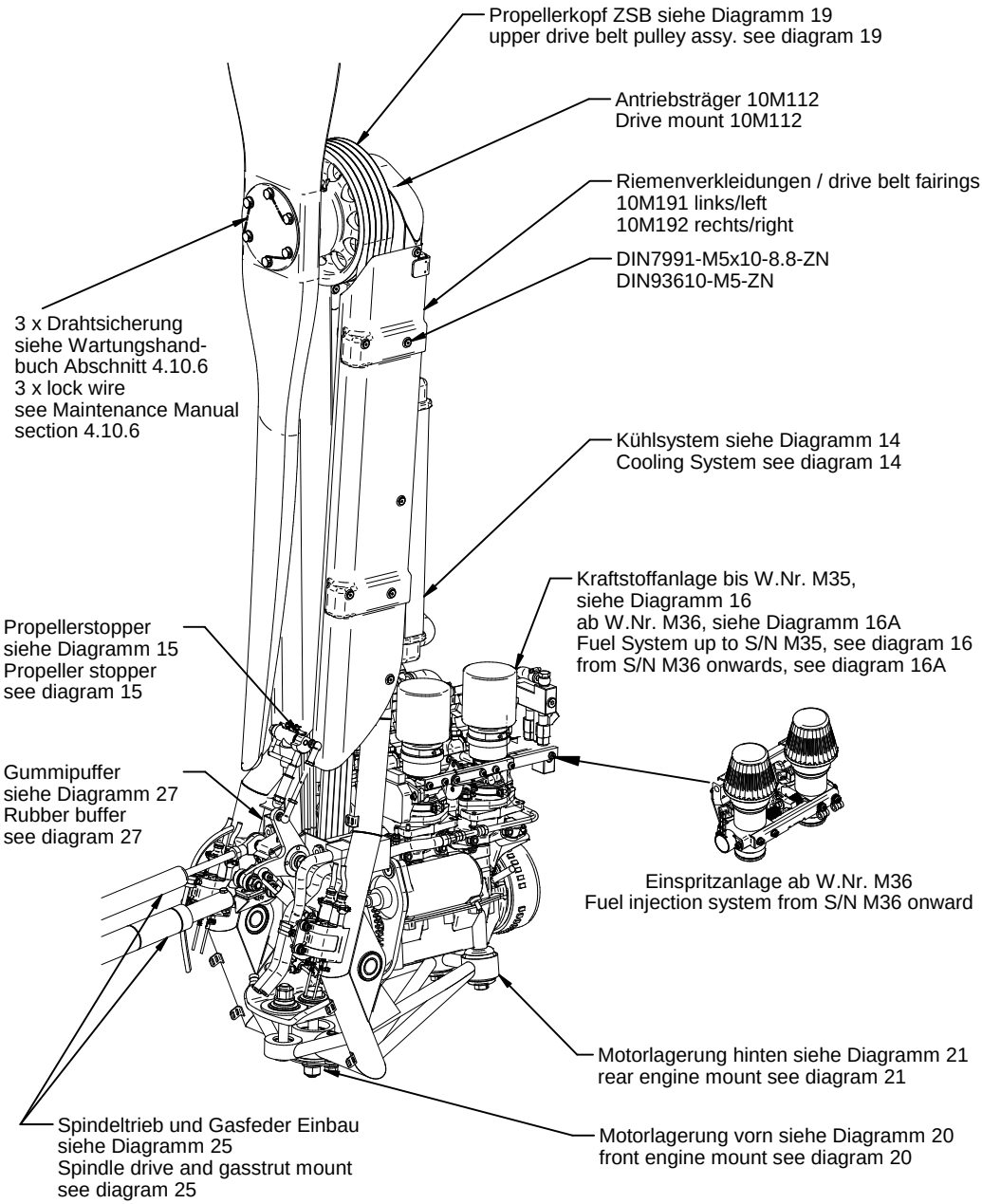

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| | |
|---|---|
| diagrams | |
| 1 | Elevator control, trim |
| 2 | Rudder control |
| 3 | Controls in the fuselage (Aileron and spoiler controls) |
| 4 | Controls in the wings (Aileron and spoiler controls) |
| 5 | Tow releases |
| 6 | Water ballast system |
| 7 | Main landing gear, hydraulic wheel brake, installation in the LG box, page 1 |
| 8 | Main landing gear, hydraulic wheel brake, installation in the LG box, page 2 |
| 9 | Main landing gear control |
| 10 | Tail wheel |
| 11 | Systems for static and total pressure |
| 12 | Placards |
| 13 | Powerplant |
| 14 | Cooling system |
| 15 | Propeller stopper |
| 16 | Fuel system |
| 16A | Fuel system from M36, according to TN1000/43 |
| 17 | Engine door control |
| 18 | Powerplant retaining cable |
| 19 | Assembly upper drive belt pulley |
| 20 | Engine mount front |
| 21 | Engine mount rear |
| 22 | Main powerplant bearings |
| 23 | Exhaust system |
| 24 | Placards electrically operated main landing gear |
| 25 | Extension/retraction mechanism connection to powerplant |
| 26 | Extension/retraction mechanism connection to fuselage |
| 27 | Engine - tilt limit stop |
| 5EP31 | Installation plan Dräger oxygen system |
| 10E4 | Wiring plan electrically operated main landing gear |
| 10E202 | Wiring plan DINA1 (in aircraft log) |
| 5V18 | Tool for airbrake adjustment |
| W51 | Hook spanner for upper drive belt pulley bearings |
| W59 | Test adapter (for coolant pump check) |
| W66 | Tool to check drive belt tension |
| Z181 | Installation of aerial for transponder in vertical fin DG-1000 |
| Z193 | 406 MHZ ELT antenna BD3 installation 2-seaters |
| SI 67/07 | Service Info Ballast box in the fin, foam rings |
| Encl. 1 | Rudder control operated by hand TN1000/36 |


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# Triebwerk
# Powerplant

# Diagramm 13
# diagram 13



fuel hoses

7,5x13,5 DIN 73379-2A, with metal shield

7,5x13,5 DIN 73379-2A

15x23 fabric braided

Fittings and clamps

m red heat shrink tubing, 30mm long
n blue heat shrink tubing, 30mm long

p clamp 145
r elbow fitting WSAG 06 1/8" brass
s elbow fitting WSAG 08 1/8" brass
t nippple SAG 08/R 1/8"
u hose clamp S70/7 (14/9)

y hose clamp 539, 8-16mm, width 9mm W2
z hose clamp 539, 16-25mm, width 9mm W2

filler coupling
KL 006-0-SL009
400 mm long
730 mm long
Filter MANN 500009180
WK 31/2(10)
refueling pump/
Facet 60106
ringnippel R4:6
hollow screw HS4
105 mm long
5R44
ARGU elbow fitting
EW 6x1 - R 1/8
hose clamp 40x60 SW7
FLEXAFIT Sleeve
B- NG 31 LIO, L.W. 51 mm
copper sealing ring
DIN7603 Form A 10x14x0,8
10R73/1
4R30/3
10R261
fuel tank 10R263
front fuel sensor
224-011-020-279X
VDO Tauchrohrgeber EL. EG 21/176
(279mm long)
rear
224 082 005 088
VDO Tauchrohrgeber EL. EG 21/176
(382mm long)
ventilation PA tube
6 x 1
overflow PA tube
6x1x750
both fuel sensors mounted with
cork sealings (delivered with
fuel sensor) and bolts
M5x20 DIN912-8.8zn
4R40/1
+5R70/1
+olive 8mm
+cap nut 8mm M14x1,5
LG box
Drainer
CAV 110
copper sealing ring
DIN7603 Form A 10x14x0,8
10R262/1
10R73/1
fuel tank lower side
2x92125 50x50
ringnippel R4:6
hollow screw HS4
120 mm long
125 mm long
fuel cock KH 1072T - T I/A
with nipple 1/4"-9 Würth 06994914
(outside thread)
and nipple 1/4"-8 Würth 06995914
(inside thread)
300 mm long
700 mm long (620 with
regulator Pierburg)
fuel pressure regulator Solo 2300884
(Bosch 0280160557 with bracket from Solo)
Hollow bolt HS4
Ring nippel R4:6
2x copper sealing
DIN7603 Form A
10x14x0,8
fuel injection system
Hollow bolt HS4
Ring nippel R4:6
2x copper sealing ring
DIN7603 Form A 10x14x0,8
Service Port
Screw cap
DIN908-M10x1-zn
with copper sealing ring
DIN7603A-10x14x0,8
fuel supply
850 long
return line
750 long
4R30/2
pressure switch
DRS 5 ES
or
pressure switch Beck 901.51
110 mm long
nipple
GT 148 K MSV)
T 14 MS
55 mm long
TSV 8, brass
45 mm long
105 lang
reducing hose connector 10R264
fuel pump
Pierburg
7.22156.60.0
365 mm long
filter Pierburg 4.00030.80.0
140 mm long
35 mm long
60 mm long
TSV 8, brass
170 mm long
35 lang
140 mm long
455 mm long
fuel filter
MANN WK 613

Fuel system for S/N M36 onward

diagram 16A

issued September 2019 TN1000/43