

# Instrument Panel Design

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ALTO NG

# DF 089

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	Garmin G5

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	-
MAP:	Flybox PS1

## Transmitters

Radio:	Trig TY91
XPDR:	-
ELT:	-

## Others

GPS:	Garmin Aera 660
Autopilot:	-
Trim:	1x Ray Allen
Power Socket:	12V
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	Galaxy GRS
Towing Monitoring:	CAM + Monitor
Propeller Control Unit:	Woodcomp
Stick Grips:	Standard

# DF 089



# DF 094

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	Garmin G5

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	included in Tachometer
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	ACK E-04

## Others

GPS:	Garmin Aera 796
Autopilot:	Garmin GMC 305
Trim:	1x Ray Allen
Power Socket:	12V
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	Galaxy GRS
Towing Monitoring:	-
Propeller Control Unit:	FP Propeller
Stick Grips:	Standard

# DF 094



# DF 097

## Flight Instruments

Altimeter:	Kanardia Indu
ASI:	Kanardia Indu
VSI:	Kanardia Indu
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	Mid-Continent MD-90
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	Rotax
Engine hours:	-
MAP:	Flybox PS1

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	-

## Others

GPS/Autopilot:	- / -
Trim:	2x Ray Allen
Power Socket:	2x USB
Switches/fuses:	Toggle switches + fuses
Ignition System:	ACS Ignition + Master switch
Rescue System:	Galaxy GRS
Towing Monitoring:	USB Cam
Propeller Control Unit:	Woodcomp
Stick Grips:	2x Ray Allen
Others	Samsung Tablet

# DF 097



# DF 101

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	-

## Others

GPS / Autopilot:	- /-
Trim:	1x Ray Allen
Power Socket:	12V
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	-
Towing Monitoring:	-
Propeller Control Unit:	-
Stick Grips:	Standard
Others:	-

# DF 101



# DF 103

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	Garmin G5, FD-NET EVO

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	included in Tachometer
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	-

## Others

GPS:	-
Autopilot:	Garmin GMC 507
Trim:	2x Ray Allen
Power Socket:	12V
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto switch + Master key
Rescue System:	Galaxy GRS
Towing Monitoring / Propeller Control Unit:	- / -
Stick Grips:	Standard
Others:	iPAD Mount with charging cable

# DF 103



# DF 105

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	-
G-meter:	-
Clock:	-
EFIS:	Garmin G5

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	included in Tachometer
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	-

## Others

GPS:	Garmin Aera 660
Autopilot:	-
Trim:	1x Ray Allen
Power Socket:	2x USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto switch + Master key
Rescue System:	-
Towing Monitoring:	-
Propeller Control Unit:	-
Stick Grips:	Standard

# DF 105



# DF 106

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	included in Tachometer
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	-
ELT:	-

## Others

GPS:	-
Autopilot:	-
Trim:	1x Ray Allen
Power Socket:	2x USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto switch + Master key
Rescue System:	Galaxy GRS
Towing Monitoring:	-
Propeller Control Unit:	-
Stick Grips:	Standard

# DF 106



# DF 107

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	Garmin G3X

## Engine Instruments

Engine instruments:	Rotax, G3X
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	-

## Others

GPS:	-
Autopilot:	Garmin GMC 507
Trim:	2x Ray Allen
Power Socket:	2x USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto switch + Master key
Rescue System:	-
Towing Monitoring:	-
Propeller Control Unit:	-
Stick Grips:	Standard

# DF 107



# DF 108

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	Garmin G5

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	-
MAP:	Rotax

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	-

## Others

GPS:	Garmin Aera 660
Autopilot:	-
Trim:	2x Ray Allen
Power Socket:	2x USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto switch + Master key
Rescue System:	Galaxy GRS
Towing Monitoring:	USB Cam
Propeller Control Unit:	LX Navigation
Stick Grips:	Standard

# DF 108



# DF 109

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	-

## Others

GPS:	-
Autopilot:	-
Trim:	2x Ray Allen
Power Socket:	12V
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto switch + Master key
Rescue System:	Galaxy GRS
Towing Monitoring:	-
Propeller Control Unit:	-
Stick Grips:	Standard

# DF 109



# DF 110

## Flight Instruments

Altimeter:	Kanardia INDU
ASI:	Kanardia INDU
VSI:	-
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	2 x Kanardia NESIS

## Engine Instruments

Engine instruments:	-
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	-

## Others

GPS:	-
Autopilot:	Kanardia Autopilot
Trim:	2x Ray Allen
Power Socket:	2 x USB
Switches/fuses:	Toggle Switches + Fuses
Ignition System:	ACS Ignition + Master Switch
Rescue System:	Galaxy GRS
Towing Monitoring:	-
Propeller Control Unit:	LX Navigation
Stick Grips:	2 x Kanardia JOYU

# DF 110



# DF 111

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	Garmin G5

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	ACK E-04

## Others

GPS:	Garmin Aera 660
Autopilot:	Garmin GMC 507
Trim:	2x Ray Allen
Power Socket:	2 x USB
Switches/fuses:	Toggle Switches + Fuses
Ignition System:	Master Key + Toggle Switches
Rescue System:	-
Towing Monitoring:	-
Propeller Control Unit:	Unima CS3-5
Stick Grips:	Standard

# DF 111



# DF 112

## Flight Instruments

Altimeter:	-
ASI:	MGL Blaze ASI-5
VSI:	-
Compass:	-
Attitude indicator:	-
Slip indicator :	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	Dynon Skyview HDX

## Engine Instruments

Engine instruments:	-
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Dynon
XPDR:	Dynon
ELT:	ACK E-04

## Others

GPS:	-
Autopilot:	Dynon
Trim:	2x Ray Allen
Power Socket:	4 x USB
Switches/fuses:	Toggle Switches + Fuses
Ignition System:	Master Key + Toggle Switches
Rescue System:	Galaxy GRS
Other:	Instrument Panel Lights
Propeller Control Unit:	-
Stick Grips:	Standard

# DF 112



# DF 115

## Flight Instruments

Altimeter:	MGL ALT-5
ASI:	MGL ASI-4
VSI:	-
Compass:	CM-24
Attitude indicator:	-
Slip indicator :	Winter Instruments QM II
G-meter:	MGL INFO-1
Clock:	-
EFIS:	Kanardia NESIS

## Engine Instruments

Engine instruments:	Kanardia DIGI
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	-

## Others

GPS:	-
Autopilot:	Autopilot Kanardia
Trim:	2 x Ray Allen
Power Socket:	4 x USB
Switches/fuses:	Toggle Switches + Fuses
Ignition System:	Master Key + Toggle Switches
Rescue System:	Galaxy GRS
Other:	Lenovo Tablet
Propeller Control Unit:	-
Stick Grips:	Standard

# DF 115



# DF 124

## Flight Instruments

Altimeter:	BG-3
ASI:	BK-3A
VSI:	BC-2A
Compass:	-
Attitude indicator:	Garmin G5
Slip indicator :	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	Garmin G3X/G5

## Engine Instruments

Engine instruments:	Garmin G3X
Voltmeter:	-
Tachometer:	-
MAP:	-

## Transmitters

Radio:	Garmin GTR 200
XPDR:	Garmin G3X
ELT:	-

## Others

GPS:	-
Autopilot:	Garmin GMC 507
Trim:	2x Ray Allen
Power Socket:	4x USB
Switches/fuses:	Toggle Switches + ETA + fuses
Ignition System:	Master Key + Toggle Switches
Rescue System:	-
Towing Monitoring:	-
Propeller Control Unit:	-
Stick Grips:	2x Ray Allen 405

# DF 124



# DF 125

## Flight Instruments

Altimeter:	Kanardia INDU
ASI:	Kanardia INDU
VSI:	Kanardia INDU
Compass:	-
Attitude indicator:	Kanardia Horis
Slip indicator :	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	Garmin G3X + Horis

## Engine Instruments

Engine instruments:	Garmin G3X
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	ACK E-04

## Others

GPS:	-
Autopilot:	Garmin GMC 507
Trim:	2x Ray Allen
Power Socket:	4X USB
Switches/fuses:	Toggle Switches + Fuses
Ignition System:	ACS Ignition and Master Switch
Rescue System:	Galaxy GRS
Towing Monitoring:	Camera
Propeller Control Unit:	Constant speed regulator Flybox
Stick Grips:	2x Ray Allen 405

# DF 125



# DF 127

## Flight Instruments

Altimeter:	BG-3
ASI:	BK-3A
VSI:	BC-2A
Compass:	CM-24
Attitude indicator:	-
Slip indicator :	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	Garmin G3X

## Engine Instruments

Engine instruments:	Garmin GX3
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	-

## Others

GPS:	-
Autopilot:	Garmin GMC 507
Trim:	2x Ray Allen
Power Socket:	4x USB
Switches/fuses:	ETA fuses
Ignition System:	Master Key + Toggle Switches
Rescue System:	-
Special Device	Smoke System
Propeller Control Unit:	-
Stick Grips:	Standard Author

# DF 127



# DF 128

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC-2A
Compass:	-
Attitude indicator:	Kanardia Horis
Slip indicator :	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	Kanardia Horis

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	-

## Others

GPS:	Aera 660
Autopilot:	-
Trim:	2x Ray Allen
Power Socket:	2x USB + 12V OUT
Switches/fuses:	ETA fuses
Ignition System:	Master Key + Toggle Switches
Rescue System:	Galaxy GRS
Special Device:	Smoke System
Propeller Control Unit:	-
Stick Grips:	Standard Author

# DF 128



# DF 131

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC-2A
Compass:	CM-24
Attitude indicator:	-
Slip indicator :	-
G-meter:	-
Clock:	-
EFIS:	Kanardia Horis

## Engine Instruments

Engine instruments:	Rotax, Flybox
Voltmeter:	Rotax
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	ACK E-04

## Others

GPS:	-
Autopilot:	-
Trim:	1x Ray Allen
Power Socket:	4x USB
Switches/fuses:	ETA fuses
Ignition System:	Master Key + Toggle Switches
Rescue System:	-
Special Device:	-
Propeller Control Unit:	LX Nav
Stick Grips:	2x Ray Allen

# DF 131



# DF 132

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC-2A
Compass:	CM-13
Attitude indicator:	-
Slip indicator :	Winter Instruments QM II
G-meter:	Analog
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	Rotax
Engine hours:	Kanardia INDU
MAP:	-

## Transmitters

Radio:	Funke Comm
XPDR:	-
ELT:	-

## Others

GPS:	-
Autopilot:	-
Trim:	2x Ray Allen
Power Socket:	2x USB
Switches/fuses:	ETA fuses
Ignition System:	Master Key + Toggle Switches
Rescue System:	Galaxy GRS
Special Device:	-
Propeller Control Unit:	-
Stick Grips:	Standard Author

# DF 132



# DF 134

## Flight Instruments

Altimeter:	Kanardia 80
ASI:	customer
VSI:	customer
Compass:	-
Attitude Indicator:	-
Slip Indicator :	Winter Instruments QM II
G-meter:	customer
Clock:	-
EFIS:	Garmin G5

## Engine Instruments

Engine instruments:	Kanardia DIGI EMS
Voltmeter:	S-VOL
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	ACK E-04

## Others

GPS:	iPad+Garmin GLO2
Autopilot:	-
Trim:	2x Ray Allen
Power Socket:	5x USB
Switches/fuses:	Toggle Switches + Klikson F.
Ignition System:	Master Key + Toggle Switches
Rescue System:	Stratos
Special Device:	OAT probe, iPad cooling fans
Propeller Control Unit:	-
Stick Grips:	2x Ray Allen G405

# DF 134



# DF 135

## Flight Instruments

Altimeter:	BG-3
ASI:	BK-3A
VSI:	-
Compass:	-
Attitude Indicator:	-
Slip Indicator :	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	Garmin G3X

## Engine Instruments

Engine instruments:	Garmin G3X
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Garmin GTR 200
XPDR:	Garmin GTX 45R
ELT:	-

## Others

GPS:	Garmin GDU 460
Autopilot:	Garmin GMC 507
Trim:	2x Ray Allen
Power Socket:	USB
Switches/fuses:	Toggle Switches + Klikson F.
Ignition System:	ACS Ignition Switch + Master S.
Rescue System:	-
Special Device:	OAT probe, Wig Wag for Landing
Propeller Control Unit:	-
Stick Grips:	2x Ray Allen G405

# DF 135



# DF 136

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10-1B
Compass:	CM-24
Attitude Indicator:	-
Slip Indicator :	Winter Instruments QM II
G-meter:	-
Clock:	Analog
EFIS:	-

## Engine Instruments

Engine instruments:	Kanardia DIGI EMS
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	ICOM A210
XPDR:	Trig TT21
ELT:	ACK E-04

## Others

GPS:	-
Autopilot:	-
Trim:	1x Ray Allen
Power Socket:	12V
Switches/fuses:	ETA fuses
Ignition System:	Master Key + Toggle Switches
Rescue System:	Galaxy GRS
Special Device:	-
Propeller Control Unit:	-
Stick Grips:	Standard Author

# DF 136



# DF 139

## Flight Instruments

Altimeter:	Kanardia 80, master w b
ASI:	Kanardia 80, master
VSI:	Kanardia 80, slave
Compass:	CM-24
Attitude Indicator:	Kanardia Horis
Slip Indicator :	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Kanardia EMS EMSIS
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Garmin 200B COM
XPDR:	Garmin GTX 328
ELT:	-

## Others

GPS:	Garmin Aera 660
Autopilot:	Kanardia Amigo
Trim:	1x Ray Allen
Power Socket:	USB
Switches/fuses:	Toggle Switches + Klikson F.
Ignition System:	ACS Ignition Switch + Master S
Rescue System:	Galaxy GRS
Special Device:	-
Propeller Control Unit:	-
Stick Grips:	1x Ray Allen G205, 1x Standard

# DF 139



# DF 140

## Flight Instruments

Altimeter:	BG-3E
ASI:	BK 300
VSI:	BC10-1B
Compass:	CM-24
Attitude Indicator:	-
Slip Indicator :	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	Honeywell 85094
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	-
ELT:	-

## Others

GPS:	-
Autopilot:	-
Trim:	1x Ray Allen
Power Socket:	USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	Galaxy GRS
Special Device:	-
Propeller Control Unit:	-
Stick Grips:	Standard Author

# DF 140



# DF 142

## Flight Instruments

Altimeter:	-
ASI:	-
VSI:	-
Compass:	MC022
Attitude Indicator:	Kanardia Horis
Slip Indicator :	-
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Kanardia DIGI
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	-

## Others

GPS:	-
Autopilot:	-
Trim:	1x Ray Allen
Power Socket:	USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	-
Special Device:	Kanardia Combo Indicator
Propeller Control Unit:	-
Stick Grips:	Ray Allen 1x G405, 1x G101

# DF 142



# DF 143

## Flight Instruments

Altimeter:	Winter EBH 8033, 57 mm
ASI:	Winter EBF 8022, 57 mm
VSI:	BC-6A
Compass:	CM-24
Attitude Indicator:	-
Slip Indicator :	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Dynon EMS-220
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	2x Garmin GTR 225 A
XPDR:	Dynon XPNDR-262
ELT:	-

## Others

GPS:	Dynon GPS-250
Autopilot:	-
Trim:	1x Ray Allen
Power Socket:	USB
Switches/fuses:	Toggle Switches + Klikson F.
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	Galaxy GRS
Special Device:	Dynon OAT
Propeller Control Unit:	-
Stick Grips:	Standard Author

# DF 143



# DF 145

## Flight Instruments

Altimeter:	BG-3E
ASI:	BK-3A
VSI:	BC-2A
Compass:	CM-24
Attitude Indicator:	-
Slip Indicator :	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TT21
ELT:	-

## Others

GPS:	-
Autopilot:	-
Trim:	2x Ray Allen
Power Socket:	USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	Galaxy GRS
Special Device:	-
Propeller Control Unit:	-
Stick Grips:	Standard Author

# DF 145



# DF 148

## Flight Instruments

Altimeter:	BG-3E
ASI:	BK-300
VSI:	BBC-6A
Compass:	CM-24
Attitude indicator:	Garmin G5
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	Honeywell 85094
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TY21
ELT:	-

## Others

GPS:	-
Autopilot:	-
Trim:	2x Ray Allen
Power Socket:	USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	-
Towing Monitoring:	-
Propeller Control Unit:	-
Stick Grips:	Standard

# DF 148



# DF 150

## Flight Instruments

Altimeter:	BG-3E
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TY21
ELT:	ACK E-04

## Others

GPS:	Garmin Aera 760
Autopilot:	-
Trim:	2x Ray Allen
Power Socket:	12V
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	-
Towing Monitoring:	-
Propeller Control Unit:	-
Stick Grips:	Standard

# DF 150



# DF 152

## Flight Instruments

Altimeter:	BG-3E
ASI:	BK-3A
VSI:	BC-2A
Compass:	CM-24
Attitude indicator:	Garmin G5
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	
ELT:	-

## Others

GPS:	-
Autopilot:	-
Trim:	2x Ray Allen
Power Socket:	USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	Galaxy GRS
Towing Monitoring:	-
Propeller Control Unit:	-
Stick Grips:	Standard

# DF 152



# DF 153

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	Garmin G5
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	Flight Data GT-50
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	Honeywell 85094
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TY21
ELT:	ACK E-04

## Others

GPS:	Garmin Aera 660
Autopilot:	-
Trim:	2x Ray Allen
Power Socket:	USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	Galaxy GRS
Propeller Control Unit:	Hydraulic governor type 143-9100 Jihostroj
Stick Grips:	Standard

# DF 153



# DF 154

## Flight Instruments

Altimeter:	Kanardia
ASI:	Kanardia
VSI:	-
Compass:	CM-24
Attitude indicator:	Garmin G5
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Kanardia DIGI
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	KRT2
XPDR:	KTX2
ELT:	ACK E-04

## Others

GPS:	-
Autopilot:	GMC 507
Trim:	2x Ray Allen
Power Socket:	USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	Galaxy GRS
Propeller Control Unit:	-
Stick Grips:	1x Ray Allen G405, 1x Ray Allen G101

# DF 154



# DF 155

## Flight Instruments

Altimeter:	BG-3
ASI:	BK-3A
VSI:	BC-2A
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	Kanardia NESIS

## Engine Instruments

Engine instruments:	Kanardia DIGI
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TY21
ELT:	ACK -04

## Others

GPS:	-
Autopilot:	Kanardia
Trim:	2x Ray Allen
Power Socket:	USB
Switches/fuses:	Toggle switches + klikson fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	-
Propeller Control Unit:	-
Stick Grips:	Kanardia Joyu
Special Device:	Kanardia Combo Indicator

# DF 155



# DF 157

## Flight Instruments

Altimeter:	MGL ALT-6
ASI:	MGL ASI-5
VSI:	-
Compass:	-
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	-
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Dynon
XPDR:	Dynon
ELT:	-

## Others

GPS:	Dynon
Autopilot:	Dynon
Trim:	2x Ray Allen
Power Socket:	USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	Galaxy GRS
Propeller Control Unit:	-
Stick Grips:	2 x Ray Allen G401
Special Device	Wig Wag

# DF 157



# DF 159

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	Kanardia HORIS
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	Winter FSZMD
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	Trig TY21
ELT:	-

## Others

GPS:	Garmin Aera 660
Autopilot:	-
Trim:	2x Ray Allen
Power Socket:	USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	Galaxy GRS
Propeller Control Unit:	-
Stick Grips:	Ray Allen G405
Special Device	Second ASI Winter 7 FMS 421

# DF 159



# DF 161

## Flight Instruments

Altimeter:	BG-3
ASI:	BK 300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	-
ELT:	-

## Others

GPS:	-
Autopilot:	-
Trim:	2x Ray Allen
Power Socket:	USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	Galaxy GRS
Propeller Control Unit:	-
Stick Grips:	Standard
Special Device	-

# DF 161



# DF 162

## Flight Instruments

Altimeter:	BG-3E
ASI:	BK300
VSI:	BC10
Compass:	CM-24
Attitude indicator:	-
Slip indicator:	Winter Instruments QM II
G-meter:	-
Clock:	Flight Data GT-50
EFIS:	-

## Engine Instruments

Engine instruments:	Rotax
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	TRIG TT21
ELT:	-

## Others

GPS:	Garmin Aera 660
Autopilot:	-
Trim:	2x Ray Allen
Power Socket:	USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	-
Propeller Control Unit:	-
Stick Grips:	Standard
Special Device	-

# DF 162



# DF 163

## Flight Instruments

Altimeter:	Kanardia
ASI:	Kanardia
VSI:	Kanardia
Compass:	CM-24
Attitude indicator:	Kanardia Horis
Slip indicator:	-
G-meter:	-
Clock:	-
EFIS:	-

## Engine Instruments

Engine instruments:	Kanardia DIGI
Voltmeter:	-
Engine hours:	-
MAP:	-

## Transmitters

Radio:	Trig TY91
XPDR:	TRIG TT21
ELT:	ACK E-04

## Others

GPS:	Garmin Aera 660
Autopilot:	Kanardia AMIGO
Trim:	2x Ray Allen
Power Socket:	USB
Switches/fuses:	ETA fuses
Ignition System:	2x Magneto Switch + Master Key
Rescue System:	-
Propeller Control Unit:	Flybox
Stick Grips:	2 x Ray Allen G405
Special Device	Kanardia MAGU

# DF 163



