



PRODUCT DESCRIPTION
CTLS* AND *CTLS^{HL}
600 KG CLASS

MODEL YEAR 2010

Release March 15, 2010

Order No.	Description	Weight
	Carburetor heating	
	Optimised engine shock mounts to improve vibration damping	
	Slipper Clutch as protection against shock loading of engine by ground contact of propeller	
	Systems	
	Dual controls, conventional, three axis	
	Manual stabiliser trim by control wheel	
	Electronic flap control with pre-selection switch	
	Large battery 12V / 7Ah	
	Combination key switch	
	2 wing tanks, 65l each = 130 l total fuel	
	Central, common fuel valve	
	Optimized fuel system	
	Common tank ventilation through winglets	
	Documents	
	Aircraft Operation Manual in english	
	Maintenance Manual in english	
	Engine Logbook	
	Airplane Logbook	
	Flight Training Supplement in english	
	Compliance	
	ASTM F2245 compliant	
	Maximum Takeoff Mass 600 kg (1320 lbs)	
	Components ASTM compliant as required (Engine, Ballistic Recovery System)	
	CTLS^{HL} LSA (MTOM 600 kg)	
	Aircraft	
	As per CTLS 600 kg class Basic Aircraft Specification above; with the following modifications :	
	Exterior	
	Stretched wings with double winglets to reduce induced drag and increases directional stability	
	All- moving stabiliser with increased span and antitab as elastic flap	
	Engine	
	Rotax 914 ULS (115 hp), 4-stroke, 4-cylinder horizontally opposed spark ignition engine with turbo charger and turbocharge control unit; installed ready to fly	
	Air induction through aluminium Airbox (loaded by turbo charger) installed to engine frame; round air filter integrated to air path	
	Systems	
	Fuel system with two redundant electric fuel pumps, tank backflow line and fuel tank selector valve	

Order No.	Description	Weight
AIRPLANE BASIC PLATFORM INSTRUMENTATION		
CTLS: 70032	CTLS or CTLS^{HL} Club Analog (MTOM 600 kg)	326,5
CTLS^{HL}: 70042		349,4
Aircraft		
CTLS or CTLS ^{HL} 600 kg class as per basic aircraft specification above. Platform specific enhancements as follows:		
Instrumentation		
Flight Instrumentation including Analog airspeed indicator (large) Analog three pointer altimeter (large) Analog vertical speed indicator (small) Magnetic compass with deviation table Slip indicator		
Engine Instrumentation using: Analog Tachometer (small) Analog Oil pressure gauge (small) Analog Oil temperature gauge (small) Analog Cylinder head temperature gauge (small) Hobbs hour meter Analog Voltmeter (small)		
Altitude Encoder ACK A 30		
CTLS: 70033	CTLS or CTLS^{HL} Club D60 (MTOM 600 kg)	329
CTLS^{HL}: 70043		351,9
Aircraft		
CTLS or CTLS ^{HL} 600 kg class as per basic aircraft specification above. Platform specific enhancements as follows:		
Flight Instrumentation EFIS-D60 providing: Single screen 7" Super bright screen Attitude Airspeed Altitude Vertical speed Gyro-stabilized magnetic compass Turn coordinator Voltmeter		
Engine Instrumentation with analog instruments: Analog Tachometer (small) Analog Oil pressure gauge (small) Analog Oil temperature gauge (small) Analog Cylinder head temperature gauge (small) Hobbs hour meter		
Backup Instrumentation including: Analog airspeed indicator (small) Analog one pointer altimeter (small)		
Altitude Encoder Dynon		
CTLS: 70035	CTLS or CTLS^{HL} Advanced (MTOM 600 kg)	333,1
CTLS^{HL}: 70045		356
Aircraft		
CTLS or CTLS ^{HL} 600 kg class as per basic aircraft specification above. Platform specific enhancements as follows:		

Order No.	Description	Weight
Instrumentation		
Flight Instrumentation as Glass Cockpit Dynon EFIS 100: Bright LCD Display Attitude Indicator Airspeed Indicator Altimeter Vertical Speed Indicator Gyro-Stabilized Magnetic Compass Slip indicator Turn Rate Clock/Timer G-Meter Voltmeter Horizontal Situation Indicator Angle of attack warning Back-up battery		
Engine monitoring as Glass Cockpit Dynon EMS D120: Bright LCD Display Tachometer Oil pressure Oil temperature Cylinder head temperature Exhaust gas temperature Fuel flow Fuel pressure Manifold pressure Amperemeter Voltmeter Acoustic (coupled to Intercom) and optical warnings		
Backup Instrumentation including: Analog airspeed indicator (small) Analog one pointer altimeter (small) Magnetic compass with deviation table		
Altitude Encoder Dynon		
Engine		
Oil thermostat installed to the oil circuit		
Water thermostat installed to the cooling water circuit		
CERTIFICATION		
700090	LSA Conformity Statement or EASA approved Flight Conditions for PtF	-
Aircraft produced in conformance with LSA design standard and applicable LSA rule		
Engine ASTM compliant		
LSA Conformity statement (FAA Form 8130-15 or equivalent, as required by country)		
In case of EASA Permit to Fly EASA approved Flight Conditions (required to register the Aircraft at NAA with PtF)		
700091	EASA Restricted Type Certificate as LSA Aircraft within ELA 1	-
Aircraft produced in conformance with EASA Restricted Type Certificate		
Non-certified Engine and Propeller (certified as part of the aircraft)		
Aircraft produced under oversight of approved EASA Part 21 production organization		
Aircraft documentation as required for registration at a National Aviation Authority in a EASA member state		
700092	CAAC Type Design Approval as LSA Aircraft	-
Aircraft produced in conformance with Chinese CAAC Type Design Approval		
Non-certified Engine and Propeller (certified as part of the aircraft)		
Aircraft produced under oversight of approved CAAC production organization		
Aircraft documentation as required for registration in China		

Order No.	Description	Weight
OPTIONS ENGINE		
70120	Thermostat Package	3,8
	Oil thermostat installed to the oil circuit	
	Water thermostat installed to the cooling water circuit	
ACCESSORIES		
70200	Comfort Package Club Analog / Club D60	12,8
	Manual three axis trim system	
	Stainless steel exhaust system	
	Heat exchanger fitted to muffler to generate hot air for cabin heating	
	Heat distribution in cockpit to several air nozzles	
	Wheelpants and landing gear fairings on main wheels, combined wheelpant and leg fairing on nose wheel	
	12V auxiliary connector in cockpit	
	Double fresh air windows installed to the door windows	
	Two trays at the lower side of the instrument board	
	Map pockets at the main bulkhead	
	Pocket at each door	
	Door locks on both cabin doors	
	Parking brake	
	Anti Collision Lights and Position lights LED version	
	Cowling with Camlock quick fasteners	
	Sport seat with headrest	
	Reinforced landing gear "Cross Country"	
70201	De- selectable: deflectable sun visors	-0,7
70210	Nightflight Package Club Analog <i>(only together with Comfort Package)</i>	1,9
	Non- certified landing light, integrated to lower cowling	
70211	De- selectable: Trutrak ADI- instrument to display bank angle, pitch and direction (electronic directional gyro); including backup battery providing 30 minutes emergency operation (according supplier specification) Attention: Required to fulfill ASTM Nightflight Standard!	-0,3
	Instruments with internal lighting or illuminated with UMA Light Bezels	
	UMA Light strip for center panel and throttlebox	
	Cabin light installed to main bulkhead	
	Illumination of the fuel indicators	
	Illumination brightness continuously variable	
	Anti- Collision- Light & Position Lights according ASTM Nightflight requirement included in Comfort Package	
70212	Nightflight Package Club D60 <i>(only together with Comfort Package)</i>	1,6
	Non- certified landing light, integrated to lower cowling	
	Instruments with internal lighting or illuminated with UMA Light Bezels	
	UMA Light strip for center panel and throttlebox	
	Cabin light installed to main bulkhead	
	Illumination of the fuel indicators	
	Illumination brightness continuously variable	
	Anti- Collision- Light & Position Lights according ASTM Nightflight requirement included in Comfort Package	
70230	Comfort Package Advanced incl. Nightflight Package	13,5
	Manual three axis trim system	
	Stainless steel exhaust system	
	Heat exchanger fitted to muffler to generate hot air for cabin heating	
	Heat distribution in cockpit to several air nozzles	
	Wheelpants and landing gear fairings on main wheels, combined wheelpant and leg fairing on nose wheel	
	12V auxiliary power connector in cockpit	
	Double fresh air windows installed to the door windows	
	Two trays at the lower side of the instrument board	
	Pocket at each door	

Order No.	Description	Weight
	Door locks on both cabin doors	
	Access to luggage compartment from outside, with separate door locks	
	Parking brake	
	Anti Collision Lights and Position lights LED version	
	Cowling with Camlock quick fasteners	
70231	De-selectable: deflectable sun visors	-0,7
	Non-certified landing light, integrated to lower cowling	
	All instruments illuminated, including backup instruments	
	UMA Light strip for center panel and throttlebox	
	Cabin light installed to cabin ceiling	
	Illumination of the fuel indicators	
	Illumination brightness continuously variable	
	Anti-Collision-Light & Position Lights to ASTM Nightflight requirement	
	Elastic luggage net on each hat rack side	
70240	Complete System for Glider and Banner Towing	5,8
	Reinforced fuselage tail boom	
	Reinforced ventral fin	
	Aerotow coupling with actuation handles in cockpit and at ventral fin	
	Removable rearview mirror attached under wing leading edge	
	Large oil- and water cooler	
70250	Landing Light (only with Comfort Package; included to Nightflight Package)	0,3
70251	Landing Light in LED technology (only with Comfort Package)	0,5
	Reduced power consumption due to LED technology (15W)	
70265	Tundra Wheels CTLS (only with Comfort Package)	6,5
	Main wheels 6.00 - 6"	
	Wheel pants fitted to match changed wheel size	
70270	Photowindow	0,7
	Additional photowindow in left door, 165 x 260 mm, sliding upwards	
	Fresh air window from Comfort Package remains unaffected	
70285	3 Blade Variable Pitch Propeller	5,5
	In-flight adjustable 3-Blade propeller, mechanical-hydraulic	
	Mechanically adjustable propeller hub	
	High efficient, composite propeller blades	
	Composite spinner fitted for three bladed variable pitch propeller	
70287	3 Blade Constant Speed Variable Pitch Propeller	5,6
	Modification of variable pitch hub for electric actuation	
	Implementation of fast speed electric actuator	
	Constant speed controller, 2 ¼", installed to the instrument panel	
70290	Leather Seats "Pegaso" brown including improved upholstery (only together with Comfort Package and Sport Seat)	2,5
	Seat covers for sport seat with headrest in leather "Pegaso" brown	
	Specifically cast-to-form upholstery	
	Inflatable cushions to allow fine adjustment of upholstery	
	Control stick covers in leather "Pegaso" brown	
	Map pockets in synthetic leather black	
	Two tone cabin interior paint, brown / beige matching with leather color, structured surface, high abrasion resistance	
	Anthracite carpets on the floor	
70295	Leather Seats "Noir" black including improved upholstery (only together with Comfort Package and Sport Seat)	2,5
	Seat covers for sport seat with headrest in leather "Noir" black	
	Specifically cast-to-form upholstery	
	Inflatable cushions to allow fine adjustment of upholstery	
	Control stick covers in leather "Noir" black	

Order No.	Description	Weight
	Map pockets in synthetic leather black	
	Two tone cabin interior paint, grey / anthracite matching with leather color, structured surface, high abrasion resistance	
	Anthracite carpets on the floor	
70300	Seat Belts Amsafe with Airbags for Both Seats	tba
	Four- Point belt with airbag integrated to cabin inside shoulder belt	
	Inertia reel for shoulder belts, installed to main bulkhead	
	Crash sensors installed under passenger seat	
70310	Large Battery	3,2
	Battery 12 V / 14 Ah installed instead of Battery 12 V / 7 Ah	
	Required when only one of the advanced avionic packages is selected	
BASIC AVIONIC PACKAGES		
70445	Upgrade Garmin 328 Mode S Transponder	0,5
	Transponder Garmin GTX 328 Mode S installed with antenna instead GTX 327	
	No support of TIS functionality	
	Reduced transmission power, and therefore reduced power consumption compared to GTX 330	
70450	Upgrade Garmin 330 Mode S Transponder	0,5
	Transponder Garmin GTX 330 Mode S installed with antenna instead GTX 327	
70407	Upgrade Garmin GPS 696 XM	0,8
	GPS Garmin 696 with XM function - Americas database	
70410	Upgrade Garmin SL-30 Nav/Com with Dynon HS-34 - This option does not function when 70407 is selected!	1,2
	Garmin Nav / Com SL30 installed instead of Com SL40, GS capable NAV Ant. at the upper fin	
	CDI display by Dynon EFIS D100	
	Combi- Control through Dynon HS34	
70411	Upgrade Garmin SL-30 Nav/Com with Dynon HS-34 - This option is only available when 70407 is selected!	1,5
	Garmin Nav / Com SL30 installed instead of Com SL40, GS capable NAV Ant. at the upper fin	
	CDI display by Dynon EFIS D100	
	Combi- Control through Dynon HS34	
	PFD backup by Dynon FlightDEK D 180 w. second remote compass and battery instead of D 120 and analog backup instruments	
70420	Upgrade Artex ME 406 ELT / 406 Mhz and 121,5 Mhz	-
	Artex 406 MHz ELT instead of Ameriking 121.5 MHz ELT	
ADVANCED AVIONIC PACKAGES		
70460	Avionic Package Garmin G3X	tba
	Enhanced (wider) instrument console with four individual panels	
	Alternative suite instead of Avionic installed to basic aircraft; including:	
	Garmin Double Screens GDU 370 and GDU 375 (7" landscape format) provide full PFD and full MFD	
	Full EMS functionality	
	Independent sensor units supporting all functions, installed at convenient locations	
	Intercom PM 3000 A with aux music input and connection to GPS Audio	
	Garmin SL30 NAV/COM Transceiver installed with GS capable NAV Antenna	
	Garmin GTX 330 Transponder Mode S	
	G3X suite linked up with Transponder and Transceiver	
	TIS functionality through link-up with GTX 330	
	Integrated GPS functionality with XM capability allows full navigation support	
	Jeppesen aviation database with terrain and obstacle databases and more	
	ELT ARTEX ME 406 – 406MHz	
	Analog Backup Instrumentation	
	Magnetic compass with deviation table	
	Airspeed Indicator 2 ¼"	
	Altimeter 2 ¼"	
	Trutrak ADI 2 ¼" with built-in backup battery	

Order No.	Description	Weight
70465	Downgrade no XM functionality for Garmin G3X package (only with Garmin Package G3X)	-0,1
	Implementation of Garmin GDU 370 Display Unit instead of GDU 375	
	Option can be selected on top of both packages that include one Garmin GDU 375 Display Unit; G3X Package and Skyview Upgrade GDU 375.	
	Option removes XM receiver and therefore XM; functionality from the units. XM is only available in North America, due to satellite coverage.	
	Functionality identical to GDU 375, only no XM receiver and functionality included	
70412	Upgrade GNS 430 (only with Garmin Package G3X)	1,8
	Garmin GMA 240 audio panel	
	Second COM antenna installed to the underside of the fuselage	
	Antenna splitter and diplexer to support both VOR / GS receivers from one VOR antenna with all signals	
	Required to support GPS steering on FD Pilot VSGV	
70413	Upgrade GNS 530 (only with Garmin Package G3X)	2,7
	Garmin GMA 240 audio panel	
	Second COM antenna installed to the underside of the fuselage	
	Antenna splitter and diplexer to support both VOR / GS receivers from one VOR antenna with all signals	
	Required to support GPS steering on FD Pilot VSGV	
70470	Avionic Package Dynon Skyview (alternative to all of the above Advanced Avionic selections) (First deliveries will support full functionality only after software upgrade, scheduled by Dynon for June 2010)	tba
	Enhanced (wider) instrument console with four individual panels	
	Alternative suite instead of Avionic installed to basic aircraft; including:	
	Dynon Double Screens SkyView SV-D1000 (10" portrait format) with integrated backup batteries	
	Independent sensor and GPS units supporting all functions, installed at convenient locations	
	Garmin SL40 COM installed with antenna	
	Garmin GTX 330 Transponder Mode S	
	Intercom PM 3000 A with aux music input and connection to GPS Audio	
	Skyview suite linked up with COM and Transponder	
	Synthetic vision, moving map functionality	
	Jeppesen aviation database with terrain and obstacle database	
	ELT Artex ME406 - 406Mhz	
	Magnetic compass with deviation table	
70474	Garmin GPS 696 XM (only with Dynon Package Skyview)	1,1
	GPS Garmin 696 with XM function - Americas database	
	Interfaces to:	
	SL 40 COM or SL30 Nav/Comm Transceiver (depending order selection)	
	GTX 330 Transponder	
	TIS functionality (availability depending from ground station coverage)	
AVIONIC OPTIONS		
70475	Upgrade Garmin SL-30 Nav/Com	1
	Garmin Nav / Com SL30 installed instead of Com SL40, GS capable NAV Ant. at the upper fin	
	When linked to any one Dynon EFIS, CDI NAV display provided by Dynon SkyView; no separate CDI (depending on DYNON software update!)	
70405	GPS 496 / 695 without XM Function - Atlantic Database	-0,3
	GPS 496 / 695 without XM Function for countries covered by Atlantic Database	
70406	GPS 495 / 695 without XM Function - Pacific Database	-0,3
	GPS 495 / 695 without XM Function for countries covered by Pacific Database	
70490	Omission of Headsets	-1,2

Order No.	Description	Weight
AUTOPILOT (non certified)		
70510	FD Pilot 2 Axis	3,4
	Autopilot based on Trutrak Digiflight II FP, customised for CTLS	
	Aileron control according GPS route, GPS track or wing leveling	
	Automatic altitude hold	
	Later upgrade possible	
70520	FD Pilot 2 Axis + vertical speed	3,4
	Autopilot based on Trutrak Digiflight II FP, customised for CTLS	
	Aileron control according GPS route, GPS track or wing leveling	
	Automatic altitude hold	
	Automatic vertical speed control	
70530	FD Pilot VSGV (only together with Garmin Package G3X)	3,4
	Autopilot based on Trutrak Digiflight II FP, customised for CTLS	
	Aileron control according GPS route, GPS track or wing leveling	
	Automatic altitude hold	
	Automatic vertical speed control	
	GPS Steering, including vertical profile (requires connection to GNS 430 or 530)	
70540	Dynon Autopilot (with Dynon Package Skyview - Servos only) available not before June 2010 (first planned delivery from Dynon)	2,5
	Autopilot commanded directly from Dynon Skyview Screens and Controls	
	Aileron control includes Heading hold, Track hold, Bug select, Bug preselect, HSI nav, GPS steering	
	Elevator Control includes Altitude hold, Altitude select / change, Altitude preselect, Airspeed limits	
	Future software update planned with Vertical speed hold, Vertical speed select, Vertical Nav	
DISPLAY UNITS		
70600	Display in km/h, °C, Altitude ft - mbar and Vario ft/min	0
70610	Display in kts, °C, Altitude ft - mbar and Vario ft/min	0
70620	Display in kts, °F, Altitude ft - in Hg and Vario ft/min	0
DESIGN SELECTION AND MARKINGS		
70940	Four color decals "Wave 1"	0
70941	Four color decals "Wave 2"	0
70942	Four color decals "Wave 3"	0
70943	Four color decals "Wave 4"	0
70944	Four color decals "Wave 5"	0
70950	Four color decals "Storm 1"	0
70951	Four color decals "Storm 2"	0
70952	Four color decals "Storm 3"	0
70953	Four color decals "Storm 4"	0
70954	Four color decals "Storm 5"	0
70955	Four color decals "Classic 1"	0
70956	Four color decals "Classic 2"	0
70990	Call Signs	0,3
	Call signs as decals in black prepared and attached (1x per fuselage side, 1x lower wing skin, depending on national regulations)	
ADDITIONAL PAPERWORK		
70800	Export Paperwork	0
	Conformity statement	
	Export Certificate	

Flight Design CTLS and CTLS^{HL} 600 kg Class Model Year 2010

Order No.	Description	Weight
BASIC AIRCRAFT SPECIFICATION - VALID FOR ALL PLATFORMS		
CTLS 600 kg Class		
<i>Exterior</i>		
Short wings with double winglets to reduce induced drag and increases directional stability		
Increased vertical fin area		
All- moving stabiliser with 75% span antitab as elastic flap		
Optimized multi- layer two component exterior paint (white) with decals according to selected scheme		
Aeronautical Plexiglass windshield, door windows and skylight, green tinted		
Rear side windows to improve oversight		
Extra wide cabin doors with gas spring		
2 luggage compartments, accessible through cabin		
Cowling hatch for easy oil and water check		
MATCO main wheels with hydraulic disk brake system		
All tires size 4.00 - 6"		
Tires qualified for 120km/h and 300 kg per tire		
Tires classified for 6 Ply Rating (PR)		
Steerable elastomer damped front wheel		
Contoured composite main landing gear		
Long wheelbase		
Long fuselage tail boom		
Improved handling toughness due to reinforced composite layup		
Reinforced fairings		
<i>Interior</i>		
Two tone cabin interior paint, grey / anthracite, structured surface, high abrasion resistance		
Optimized seat adjustment (leg length and seat height coupled, inclination)		
4-point safety belts for each seat		
2 storage trays on the cabin floor		
Strap down hooks in the luggage compartment		
Access to luggage compartment covered with cloth		
Controls in area of luggage compartment protected with plexiglass covers		
Rescue system, suitable for MTOW 600 kg, ASTM compliant		
Reinforced seats		
Elongated cabin interior size		
Hat rack behind the pilot seats		
<i>Instrumentation</i>		
Large instrument console with four single panels		
Easy accessible fuse and breaker panel on instrument board		
Radio Garmin SL40 installed with antenna		
Push-to-Talk buttons on each control stick		
Transponder Garmin GTX 327 Mode A/C installed with antenna		
GPS Garmin 496 XM with Americas database		
ELT Ameriking AK450 121,5 MHz		
Intercom PM 3000 A with aux music input and connection to GPS Audio		
Two headset Telex Echelon 25 XT with plug connectors next to the seats		
Instruments certified by FTZ / FAA-TSO / EASA-ETSO (as required)		
Only available with flight- and engine instrumentation as per one platform selection below		
<i>Engine</i>		
Rotax 912 ULS (100 hp) installed ready to fly		
Advanced 3-blade ground adjustable composite propeller, spinner included		
Rotax engine warranty		
Air induction through aluminium Airbox installed to engine frame; round air filter integrated to air path		

Your Notes

Price List CTLS and CTLS^{HL} 600 kg Class, Model Year 2010

Prices and technical specifications are subject to change without previous notice
 Prices for equipment are incl. installation on new aircraft
 Delivery ex Flight Design Logistik Bretnig- Hauswalde

	Order Number	Weight [kg]	Price € excl. VAT	Order Selection	Availability per Aircraft Platform		
					CTLS / CTLS ^{HL} Club Analog	CTLS/ CTLS ^{HL} Club D60	CTLS/ CTLS ^{HL} Advanced
AIRPLANE BASIC PLATFORM							
CTLS Club Analog	70032	326,5	82.612,51 €		CTLS	Not available	Not available
CTLS Club D60	70033	329,0	83.836,36 €		Not available	CTLS	Not available
CTLS Advanced	70035	333,1	86.122,11 €		Not available	Not available	CTLS
CTLS ^{HL} Club Analog (914 Turbo Engine)	70042	349,4	92.612,11 €		CTLS ^{HL}	Not available	Not available
CTLS ^{HL} Club D60 (914 Turbo Engine)	70043	351,9	93.836,36 €		Not available	CTLS ^{HL}	Not available
CTLS ^{HL} Advanced (914 Turbo Engine)	70045	356,0	96.122,11 €		Not available	Not available	CTLS ^{HL}
CERTIFICATION							
LSA Conformity Statement or EASA approved Flight Conditions for PfF	70090	0,0	0,00 €		included	included	included
EASA Restricted Type Certificate as LSA Aircraft within ELA 1	70091	0,0	7.500,00 €		+	+	+
CAAC Type Design Approval as LSA Aircraft	80092	0,0	2.500,00 €		+	+	+
OPTIONS ENGINE							
Thermostat Package (only for engine 912 ULS)	70120	3,8	453,97 €		+	+	included
ACCESSORIES							
Comfort Package Club Analog / Club D60	70200	12,8	6.699,74 €		+	+	Not available
De- selectable: deflectable sun visors	70201	-0,7	-150,00 €		+	+	Not available
Nightflight Package Club Analog (only together with Comfort Package)	70210	1,9	2.521,05 €		+	Not available	Not available
De- selectable: Trutrak ADI- instrument to display bank angle, pitch and direction (electronic directional gyro); including backup battery providing 30 minutes emergency operation (according supplier specification) Attention: Required to fulfill ASTM Nightflight Standard!	70211	-0,3	-550,00 €		+	Not available	Not available

Order Number	Weight [kg]	Price € excl. VAT	Order Selection	Availability per Aircraft Platform		
				CTLS / CTLS ^{HL} Club Analog	CTLS/ CTLS ^{HL} Club D60	CTLS/ CTLS ^{HL} Advanced
70212	1,6	1.971,05 €		Not available	+	Not available
70230	13,5	6.694,00 €		Not available	Not available	+
70231	-0,7	-150,00 €		Not available	Not available	+
70240	5,8	1.971,53 €		+	+	+
70250	0,3	200,20 €		+	+	included Comf Pkg.
70251	0,5	514,50 €		+	+	+
70265	6,5	990,00 €		+	+	+
70270	0,7	543,90 €		+	+	+
70285	5,5	3.670,00 €		+	+	+
70287	5,6	4.720,00 €		+	+	+
70290	2,5	862,98 €		+	+	+
70295	2,5	862,98 €		+	+	+
70300	tba	4.250,00 €		+	+	+
70310	3,2	80,00 €		+	+	+
BASIC AVIONIC PACKAGES (no combination with Advanced Avionic Packages possible)						
70445	0,5	950,00 €		+	+	+
70450	0,5	1.980,00 €		+	+	+
70407	0,8	1.270,00 €		+	+	+
70410	1,2	2.960,00 €		Not available	Not available	+
70411	1,5	4.375,00 €		Not available	Not available	+
70420	0,0	685,00 €		+	+	+

Order Number	Weight [kg]	Price € excl. VAT	Order Selection	Availability per Aircraft Platform		
				CTLS / CTLS ^{HL} Club Analog	CTLS/ CTLS ^{HL} Club D60	CTLS/ CTLS ^{HL} Advanced
ADVANCED AVIONIC PACKAGES (no combination with Basic Avionic Packages possible)						
70460	tba	18.530,00 €		Not available	Not available	+
70465	-0,1	-450,00 €		Not available	Not available	+
70412	1,8	8.700,00 €		Not available	Not available	+
70413	2,7	12.400,00 €		Not available	Not available	+
70470	tba	5.480,00 €		Not available	Not available	+
70474	1,1	2.570,00 €		Not available	Not available	+
GENERAL AVIONIC OPTIONS						
70475	1,0	2.075,00 €		+	+	+
70405	-0,3	-344,54 €		+	+	+
70406	-0,3	-344,54 €		+	+	+
70490	-1,2	-280,00 €		+	+	+
AUTOPILOT (non certified)						
70510	3,4	3.580,00 €		+	+	+
70520	3,4	4.040,00 €		+	+	+
70530	3,4	4.850,00 €		Not available	Not available	+
70540	2,5	1.400,00 €		Not available	Not available	+
DISPLAY UNITS						
70600	0,0	0,00 €		+	+	+
70610	0,0	0,00 €		+	+	+
70620	0,0	0,00 €		+	+	+
DESIGN SELECTION AND MARKINGS						
70940	0,0	0,00 €		+	+	+
70941	0,0	0,00 €		+	+	+

Order Number	Weight [kg]	Price € excl. VAT	Order Selection	Availability per Aircraft Platform		
				CTLS / CCTL ^{HL} Club Analog	CTLS/ CCTL ^{HL} Club D60	CTLS/ CCTL ^{HL} Advanced
70942	0,0	0,00 €		+	+	+
70943	0,0	0,00 €		+	+	+
70944	0,0	0,00 €		+	+	+
70950	0,0	0,00 €		+	+	+
70951	0,0	0,00 €		+	+	+
70952	0,0	0,00 €		+	+	+
70953	0,0	0,00 €		+	+	+
70954	0,0	0,00 €		+	+	+
70955	0,0	0,00 €		+	+	+
70956	0,0	0,00 €		+	+	+
70990	0,3	0,00 €		+	+	+
ADDITIONAL PAPERWORK						
70800	0,0	on effort		+	+	+
<i>Export Paperwork</i>						

Sum according to selection *

Payment Schedule:	
First down payment on order, when expected date of delivery is more than 5 months away	5.000,00 €
Second down payment at least 5 months before expected delivery date	20.000,00 €
Total down payment	25.000,00 €
Final payment right before delivery ex Ukraine (Net value) **	
Total payment (Net value) **	

** Total payment value enhances by legally required sales taxes as applicable

* weights can differ by 3% of the total specified weight

Your Notes

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Flight Design GmbH

Entwicklung und Vertrieb von Flugsportgeräten
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Handelsregister Stuttgart HRB 222689
VAT ID No.: DE 147857992
Geschäftsführer: Matthias Betsch(CEO)-Oliver Reinhardt-Christian Wenger

Administration & Sales – Airfield Nabern

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