

ADVANCED Panel Quote/BOM

Order # 516

Panel Build
VFR
AF-5000



Customer	Russ Earle
Email	24firelt@gmail.com
Phone	15102079646
Aircraft	Rans S21 AeroSport
Engine	Rotax 915/16iS
N-number	N464RE
Panel color	Dark Gray Metallic



320 S. Redwood St.
 Canby OR 97013
 (503) 263-0037

advancedflightsystems.com

Revision: 2

Rev date: 3/3/2023

Last edit: JS

Quotes are valid for 30 days

Core panel list price	\$	30,679
Complete package list price:	\$	33,612
Complete package cash/check discount price:	\$	32,193

Core Components

Qty 0 items are listed for information and comparison

Part #	Item	Details	Unit price	Total price
EFIS Displays & Primary Modules				
2	85600	AF-6600T 10.4" touchscreen EFIS display	\$ 4,690	\$ 9,380
1	71714	AF-5000 backup battery (dual screen 6aH)	\$ 425	\$ 425
1	72200	SV-ADAHRS-200 SkyView Primary ADAHRS	\$ 1,350	\$ 1,350
1	73102	SV-GPS 250 GPS Receiver Module	\$ 249	\$ 249
1	73120	SV-GPS 2020 ADS-B 2020 GPS Receiver Module	\$ 650	\$ 650
Engine Monitoring				
1	71321	SV-EMS-221 SkyView CANBus Engine Monitoring Module	\$ 650	\$ 650
1	30051	EMSKIT-RTXiS engine sensor kit for Rotax 912iS	\$ 310	\$ 310
Transponder / ADS-B / Weather				
1	74109	SV-XPDR-261 SkyView Remote Transponder	\$ 2,300	\$ 2,300
1	74113	SV-ADSB-472 SkyView ADSB 472 dual band weather and traffic receiver	\$ 795	\$ 795
Autopilot Controls				
1	74152-V	SV-AP-PANEL SkyView Autopilot Panel, Vertical	\$ 579	\$ 579
Navs / Comms / Audio Panel				
1	73174B	Garmin GTR 200 COM radio + intercom and BT	\$ 1,549	\$ 1,549
1	73165	AV-30E backup EFIS	\$ 1,894	\$ 1,894
1	73167	AV-MAG - External Magnetometer for AV-30E	\$ 249	\$ 249

Section total \$ 20,380

ACM and harnesses

Qty	Part #	Item	Details	Unit price	Total
1	70080	Advanced Control Module (ACM)	Electronic circuit breakers	\$ 2,750	\$ 2,750
1	57250	ACM connector kit	Connectors, pins, and labels to complete customer-built harnesses	\$ 50	\$ 50
1	57251	Panel drawings packet	11x17" color prints of ACM wiring schematics	\$ -	\$ -
1	57100-36	ACM to AF-5000 EFIS harness, 36"		\$ 100	\$ 100
1	57100-48	ACM to AF-5000 EFIS harness, 48"		\$ 110	\$ 110
1	57500	ACM to XPDR, GPS, & ADS-B harness		\$ 100	\$ 100
1	57861	ACM to control sticks harness	Unterminated ends for wiring PTT, trim, flaps, AP disco/CWS into your stick grip	\$ 75	\$ 75
1	57450	ACM to SkyView autopilot <u>panel</u> harness		\$ 50	\$ 50
1	57475	ACM to SkyView autopilot <u>servos</u> harness		\$ 170	\$ 170
2	50049	Lemo jacks for audio panel harness	price per seat installed	\$ 150	\$ 300
1	57726	ACM to Garmin GTR 200 harness, with intercom		\$ 350	\$ 350
1	57260	ACM to TCW backup battery harness	AF 5000 only	\$ 45	\$ 45
1	57313	ACM to AV-30 harness	MODIFY: ADD LEADS FOR AV-MAG	\$ 100	\$ 100
Additional EFIS cables					

1	53761	Ethernet cable		\$ 29	\$ 29
1	50180-24	EFIS panel mount USB extension 24"	For software and map/database updates	\$ 49	\$ 49
1	50180-36	EFIS panel mount USB extension 36"	For software and map/database updates	\$ 49	\$ 49
SV-Network					
2	57150-3	SV-Network cable, 3'	ADAHRS, AP Panel	\$ 65	\$ 130
1	57150-15	SV-Network cable, 15'	Remote Mag	\$ 85	\$ 85
1	57151-EMS	SV-Network cable, 3' for EMS	Special for EMS only on AF-5000 panel	\$ 55	\$ 55
Section total					\$ 4,597

Panel and switches

Qty	Part #	Item	Details	Unit price	Total
1	Aerosport switches	Switch panel master side		\$ 400	\$ 400
1	Aerosport switches	Switch panel lights side		\$ 400	\$ 400
1	Aerosport harness	Aerosport switch harness		\$ 600	\$ 600
3	70062	Britta PWM dimmer	Cabin Lights, Footwell Lights	\$ 45	\$ 135
1	73403	Tyco 3A circuit breaker toggle switch	for Emag	\$ 77	\$ 77
1	73360	Circuit breaker, 60 Amp	Alternator	\$ 175	\$ 175
2	73330	30 Amp circuit breaker	Start, backup	\$ 55	\$ 110
1	70063	Push to start button	Starter Engage	\$ 35	\$ 35
1	77105	Honeywell momentary toggle switch DPST	Start power	\$ 50	\$ 50
1	77110	Honeywell Locking Toggle	Backup Power	\$ 75	\$ 75
4	77101	Honeywell On/Off Toggle	Lane A, Lane B, Pump 1, Pump 2	\$ 45	\$ 180
Instrument panel					
1	Panel	Instrument panel	Lasercut and labeled. Includes dark gray metallic or black powdercoat as standard. Other colors or patterns available for addl. charge.	\$ 800	\$ 800
1	Hardware	Panel mounting hardware		\$ 50	\$ 50
10	Engineering	Panel engineering	estimate only	\$ 100	\$ 1,000
15	Labor	Panel assembly		\$ 85	\$ 1,275
4	Labor	Panel configuration and test		\$ 85	\$ 340
Section total					\$ 5,702

Other components

Qty	Part #	Item	Details	Unit price	Total
Pitot/AOA					
1	44300	Dynon pitot tube, unheated with AOA		\$ 200	\$ 200
1	44311	Dynon pitot mounting mast	Vans RV specific but can be retrofitted for other usage	\$ 95	\$ 95
1	44325	Dynon pitot/static/AOA pneumatic install kit		\$ 150	\$ 150
Autopilot Servos					
2	82042	SV-42 autopilot servo		\$ 800	\$ 1,600
2	82064	Generic autopilot servo install kit		\$ 30	\$ 60
Antennas					
1	73130	Dynon ADS-B antenna (rod type)		\$ 39	\$ 39
1	73131	Dynon transponder antenna (rod type)		\$ 29	\$ 29
Misc.					
1	73136	Intelligent Dual USB Panel Charger	New Styl A/C	\$ 125	\$ 125
1	73140	Wi-Fi adapter	AF-5000: 1 per system, SkyView: 1 per screen	\$ 35	\$ 35
1	74302	ACK E-04 406 MHz ELT		\$ 600	\$ 600
Section total					\$ 2,933

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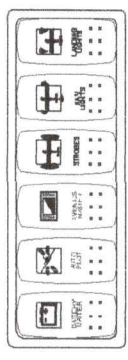
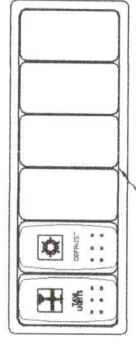
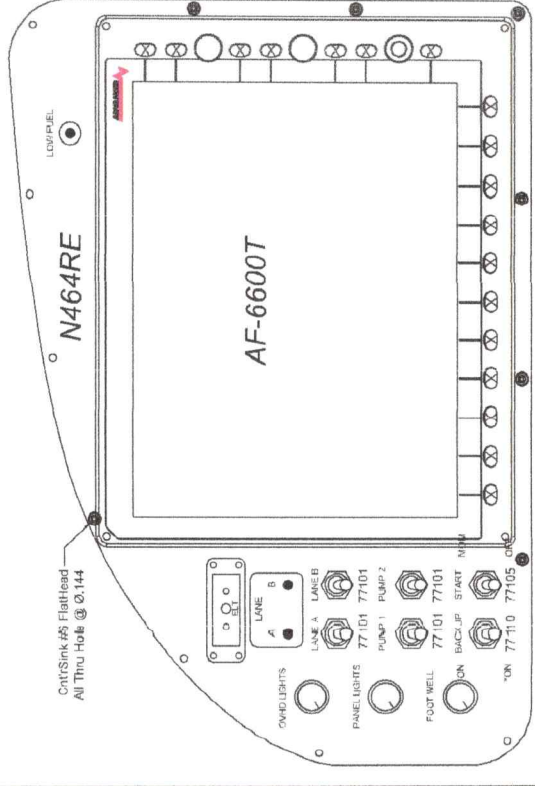
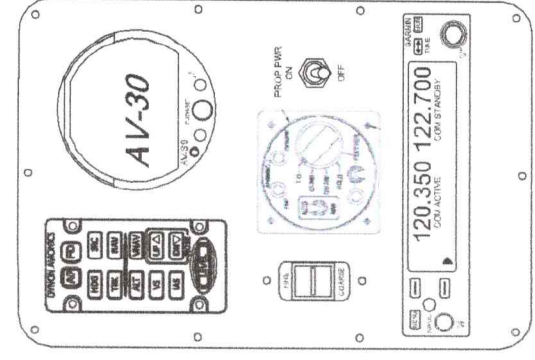
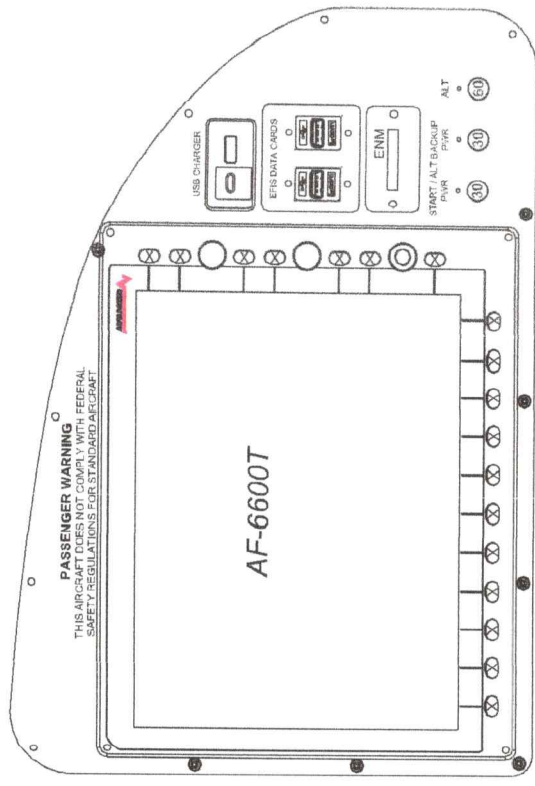
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Qty	Item	Details	Ship to AFS?
1	Hobbes Clock		yes
1	Low Fuel Light		yes
2	LEDs for LANE A/B		1 yes

Qty	Vendor	Item	Details
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NEW CENTER CONSOLE ONLY FOR PRE-EXISTING PANEL



AEROSPORT BLANKS -5-PLC.S

FOR ALL OTHER PANEL(S) SEE REV.- 8

BACKUP ALTERNATOR:	YES
PANEL MOUNTED ALT CR:	YES
POSITION RIGHT:	I-Series
POSITION LEFT:	I-Series
AIRCRAFT FUEL SYSTEM:	Electronic Injection
PANEL COLOR:	Dark Gray Metallic

ITEM QTY PART # DESCRIPTION

100-PLATE 796 PL

ADVANCED

CALL 760-603-7603 FAX 760-603-7604
 555 W. 9th Street
 Corona, CA 92732

DATE: 03/22/2014 TIME: 10:00 AM
 USER: JMM
 PART: 100-PLATE 796 PL

FILE: S-31 Part: 100-PLATE 796 PL

REV	DATE	DESCRIPTION
4	02/23/20	REVISIONS TO THE CENTER CONSOLE POSITION
1	09/15/21	ADDED TANK LIGHT EX-CHANGED IN CENTER CONSOLE POSITION
7	03/22/21	ADDED FUEL METER