

# Horizon Sport setup sheet

DU 1

## Setting Menu

General Setup
Primary Flight Display
Moving Map
Engine Information System
Engine Limits

## General Setup

Inter-display link		Default Page	PFD
Serial Port 1 Rate	Traffic	Speed/Distance units	Knots,Nautical miles
Serial Port 1 Input	traffic	Temperature Units	Degrees Fahrenheit(F)
Serial Port 1 Output	dual AP	Fuel Units	Gallons
Serial Port 1 Input Counter	Slave interdisplay	Tachometer Units	RPM
Serial Port 2 Rate	9600	Manifold Pressure Units	In Hg
Serial Port 2 Input	EIS	Oil Pressure Units	Psi
Serial Port 2 Output	Fuel scale data Z format	Outside Air Temperature Source	Auto
Serial Port 2 Input Counter	Slave EIS	SL30 OBS Source	EFIS Course Knob
Serial Port 3 Rate	slave GPS	GPS1 Flight Plan Source	Internal
Serial Port 3 Input	single GPS dual interdisplay	GPS2 Flight Plan Source	internal
Serial Port 3 Output	single GPS dual interdisplay	Virtual GPS2	Off
Serial Port 3 Input Counter		Clock	Change to activate menu
Serial Port 4 Rate	SL-30/40	Lateral Autopilot Functions	Off
Serial Port 4 Input	SL-30/40	Autopilot Serial Output	Normal
Serial Port 4 Output	Slave weather		
Serial Port 4 Input Counter			
AHRS Input Counter	counting	<b>Inter-display link</b>	
EIS Model	4000/6000/9000	Inter-Display Link ID	Auto
EIS Temperature Units	Degrees Fahrenheit(F)	Valid Frames Received	0
Eis Baroset Units	Inches Hg	Compare Limits	Yes
AltEnc1 Serial Format	#AL +12345T+25CK	Send demo Data	Yes
AltEnc2 Serial Format	#AL +12345T+25CK		
Page Change	Single Click		

## Primary Flight Display

Up reference	Heading	left box upper left entry	data: Dest waypoint ID
Stall Speed	45	left box upper right entry	data: dest wpt est time enroute
Max Flap Extension speed	80	left box lower left entry	data: dest waypoint range
Max Structural Cruising Speed	115	left box lower right entry	data: dest waypoint bearing
Never Exceed Speed	138	right box upper left entry	data: TAS
Speed Bug 1	65	right box upper right entry	data: D Alt
Speed bug 2	90	right box lower left entry	Label: TAS
Speed bug 3	115	right box lower right entry	Label: D Alt
Below Stall	Red	approach glideslope angle	3
HITS Frame color	Magenta	approach height intercept	1000
Attitude Reference Index	bars	ILS type	bars
GPS CDI	on	Show VOR CDI on localizer	no
Slip Indicator	on	ILS inhibit of HITS	inhibit HITS
Turn Rate Indicator	on	default Decision height	300
Wind Indicator Mode	vector and digital speed/direction	g-meter mode	auto
Digital Head/Cross Wind Display	on	g-meter maximum	4.2
Baroset Units	inches hg	g-meter minimum	-2
Artificial Runways	on	g-meter caution max	4
Flight Path Marker	on	g-meter caution min	0
Obstacle Alarm	on	auto g-meter high threshold	2.5
Airspeed Display Size	normal	auto g-meter low threshold	0.5
Altimeter display size	normal		
Track/Heading display size	normal		
Airspeed resolution	fine		
Max Indicator Vertical speed	2000		
pitch ladder offset	8		
flight level altitude	18000		
altitude alerting	on		
max altitude deviation	200		
upper left corner box	Ground Speed(GS)		
data boxes	on		

## Moving Map

up reference	track
airport symbol	small
label font size	small
H S I plane symbol	conventional
connect bearing pointers	yes
Max map range; small airports	35
max map range; medium airports	50
max map range; large airports	100
max map range VORS	50
max map range; NDB	off
max map range; airspace	50
max obstruction distance	10
obstacle alarm	on
terrain	on
terrain alarm	on
auto declutter	on
show lightning	on all map pages
show AIRMET	on all map pages
show METAR	translated

## EIS

number of cylinders	6
aux1 function	off***
aux2 function	off***
aux3 function	fuel pressure decimal
aux4 function	off***
aux5 function	off***
aux6 function	off***

## Engine Limits

max flight time	240	min coolant temperature	0
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interval	60	max coolant temperature	0
min efis voltage bus 1	11	min EIS voltage	11
max efis voltage bus 1	16	max EIS voltage	16
min efis voltage bus 2	0	min carb temperature	0
max efis voltage bus 2	35	max carb temperature	0
min efis voltage bus 3	0	min EGT	800
max efis voltage bus 3	35	max EGT	1500
min oil pressure	11	min TIT	0
max oil pressure	76	max TIT	0
min cruise oil pressure	32	lim-RPM	1800
min oil temperature	90	Max EGT span	0
max oil temperature	244	Max EGT increase	0
min RPM	0	Max EGT decrease	0
Max RPM	3300	Max CHT cooling rate	0
min RPM2	0	min CHT	140
Max RPM2	0	Max CHT	355
min N1	0	engine performance	invalid
max N1	0	fuel data scale	disabled/invalid
Min N2	0		
Max N2	0		
Min fuel	0		
Min Aux 1	0***		
Max Aux 1	0***		
Min Aux 2	0***		
Max Aux 2	0***		
Min Aux 3	0***		
Max Aux 3	5		
Min Aux 4	0***		
Max Aux 4	0***		
Min Aux 5	0***		
Max Aux 5	0***		
Min Aux 6	0***		
Max Aux 6	0***		

\*\*\* may change with installed options

EIS setup chart

MENU 1 LEFT TWO BUTTONS		MENU 2 RIGHT TWO BUTTONS		MENU 2 USER DEFINABLE		MENU 2 USER DEFINABLE	
CONT	2	AX1	AUX 1	1D1	TACH	2D1	TACH
LIGHT	128	AX2	AUX 2	1P1	1	2P1	1
ALT	0	AX3	AUX 3	1D2	OAT	2D2	AX 3
FUEL	0	AX4	AUX 4	1P2	6	2P2	6
MAX TIME	180	AX5	AUX 5	1D3	CH3	2D3	CH1
INTERVAL	60	AX6	AUX 6	1P3	10	2P3	10
MAX FLOW	0	UNITS	IFG	1D4	CH4	2D4	CH2
MAX OP	76	FC1	0 ***	1P4	14	2P4	14
MIN OP	15	FC2	0 ***	1D5	OP	2D5	OP
MIN CZ OP	32	FLOW CAL	200 ***	1P5	17	2P5	17
MAX OT	244	FLOW CAL R	0	1D6	/	2D6	/
MIN OT	90	TACH P/R	6	1P6	19	2P6	19
MAX RPM	3300	PEAK	10	1D7	OT	2D7	OT
MIN RPM	0	MAX FUEL	0	1P7	20	2P7	20
MIN FUEL	0	HOURS	0	1D8	CH5	2D8	CHH
MAX AUX 1	0	TIM RPM	500	1P8	26	2P8	24
MIN AUX 1	0	ARSPD LO	0	1D9	CH6	2D9	EGH
MAX AUX 2	0***	ARSPD HI	0	1P9	30	2P9	29
MIN AUX 2	0***	TACH LO	0	1D10	OFF	2D10	AX 3
MAX AUX 3	5	TACH HIGH	0	1P10	0	2P10	6
MIN AUX 3	0	1 SF	100***	1D11	OFF	2D11	OFF
MAX AUX 4	0***	1 OFF	0***	1P11	0	2P11	0
MIN AUX 4	0***	2 SF	100***	1D12	OFF	2D12	OFF
MAX AUX 5	0***	2 OFF	0***	1P12	0	2P12	0
MIN AUX 5	0***	3 SF	200				
MAX AUX 6	0***	3 OFF	26				
MIN AUX 6	0***	4 SF	0***				
MAX H2O	0	4 OFF	0***				
MIN H2O	0	5 SF	0***				
MAX VOLT	16	5 OFF	0***				
MIN VOLT	11	6 SF	0***				
MAX CARB	0	6 OFF	0***				
MIN CARB	0	D/I	DDDDDD				
MAX EGT	1500	PLUS / MINUS	+++++				
MIN EGT	800	ALT COR	128				
MIN-LIM RPM	1800						
MAX EGT SPAN	0						
MAX EGT INC	0						
MAX EGT DEC	0						
MAX CHT RATE	0						
MAX CHT	355						
MIN CHT	140						
DISPLAY	1						

  

GD1	HR
GP1	9
GD2	:
GP2	11
GD3	MN
GP3	12
GD4	:
GP4	14
GD5	SC
GP5	15
GD6	Hour
GP6	17
GD7	Volt
GP7	29
GD8	OFF
GP8	0
GD9	OFF
GP9	0
GD10	OFF
GP10	0

DISABLE PAGES  
0,4,6,7,9,13,15

Note \*\*\*\* may vary with installed equipment