

General

Name ESOARP_301_X
EEprom Size 1695 bytes
Model Image
Throttle **Source:** THR **Trim idle only:** No **Warning:** No **Reversed:** No
Trims **Step:** Medium **Display:** Never **Extended:** No
Center None
Beep
Switch None
Warnings
Pot **Mode:** Manual
Warnings
Other **Extended Limits:** Yes **Display Checklist:** No **Global Functions:** No

Timers	Time	Switc h	Coun tdow n	Start	Min.c	Persist all
TMR1:Flight	00:00:00	L24	Silent	Yes	NOT	
TMR2	00:00:00	OFF	Silent	No	NOT	
TMR3	00:00:00	OFF	Silent	No	NOT	

Name ESP_FI_301_X
EEprom Size 1718 bytes
Model Image
Throttle **Source:** THR **Trim idle only:** No **Warning:** No **Reversed:** No
Trims **Step:** Medium **Display:** Never **Extended:** No
Center None
Beep
Switch None
Warnings
Pot **Mode:** Manual
Warnings
Other **Extended Limits:** Yes **Display Checklist:** No **Global Functions:** No

Timers	Time	Switc h	Coun tdow n	Start	Min.c	Persist all
TMR1:Flight	00:00:00	L24	Silent	Yes	NOT	
TMR2	00:00:00	OFF	Silent	No	NOT	
TMR3	00:00:00	OFF	Silent	No	NOT	

Modules

Internal **Protocol:** FrSky XJT (D16) **Channels:** 1-8

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Radio System Receiver: 5 Failsafe Mode: Custom CH1:RtAil: 0% CH2:LtAil: 0% CH3:RtFlap: 0% CH4:LtFlap: 0% CH5:Elev: 0% CH6:Rudder: 0% CH7:Motor: 0% CH8: 0% External Radio Module Protocol: OFF Trainer port Mode: Master/Jack								Radio System Receiver: 5 Failsafe Mode: Custom CH1:RtAil: 0% CH2:LtAil: 0% CH3:RtFlap: 0% CH4:LtFlap: 0% CH5:Elev: 0% CH6:Rudder: 0% CH7:Motor: 0% CH8: 0% External Radio Module Protocol: OFF Trainer port Mode: Master/Jack							
Flight modes															
Flight mode	Switch	F.In	F.Out	TrmR	TrmE	TrmT	TrmA	Flight mode	Switch	F.In	F.Out	TrmR	TrmE	TrmT	TrmA
FM0:Thermal	----	0	0	0	0	0	0	FM0:Thermal	----	0	0	0	0	0	0
FM1:CAL	L08	0	0	0	0	0	FM0	FM1:CAL	L08	0	0	0	0	0	FM0
FM2:Power	L19	3	3	0	0	0	FM0	FM2:Power	L19	3	3	0	0	0	FM0
FM3:Landing	L27	3	3	0	0	-125	FM0	FM3:Landing	L27	3	3	0	0	-125	FM0
FM4:Cruise	SA-	0	0	0	0	0	FM0	FM4:Cruise	SA-	0	0	0	0	0	FM0
FM5:Speed	SA↑	0	0	0	0	0	FM0	FM5:Speed	SA↑	0	0	0	0	0	FM0
FM6	----	0	0	FM0	FM0	FM0	FM0	FM6	----	0	0	FM0	FM0	FM0	FM0
FM7	----	0	0	FM0	FM0	FM0	FM0	FM7	----	0	0	FM0	FM0	FM0	FM0
FM8	----	0	0	FM0	FM0	FM0	FM0	FM8	----	0	0	FM0	FM0	FM0	FM0
Global vars								Global vars							
Name	GV1	GV2	GV3	GV4	GV5	GV6	GV7	Name	GV1	GV2	GV3	GV4	GV5	GV6	GV7
Unit	CmA	CmF	Cmp	FOf	A2F	RvD	A2R	Unit	CmA	CmF	Cmp	FOf	A2F	RvD	A2R
Prec	0._	0._	0._	0._	0._	0._	0._	Prec	0._	0._	0._	0._	0._	0._	0._
Min	-102	-102	-102	-102	-102	-102	-102	Min	-102	-102	-102	-102	-102	-102	-102
	4	4	4	4	4	4	4		4	4	4	4	4	4	4

Max	1024	1024	1024	1024	1024	1024	1024	1024	1024
Popup	N	N	N	N	N	N	N	N	N
Flight mode									
FM0:Thermal	0	0	0	0	0	0	0	35	35
FM1:CAL	0	0	0	FM0	0	0	0	35	35
FM2:Power	0	0	0	FM0	0	0	0	35	35
FM3:Landi	0	0	0	FM0	0	0	0	35	35
ng									
FM4:Cruise	0	0	0	FM0	0	0	0	35	35
FM5:Speed	0	0	0	FM0	0	0	0	35	35
FM6	0	0	0	FM0	0	0	0	0	0
FM7	0	0	0	FM0	0	0	0	0	0
FM8	0	0	0	FM0	0	0	0	0	0

Max	1024	1024	1024	1024	1024	1024	1024	1024	1024
Popup	N	N	N	N	N	N	N	N	N
Flight mode									
FM0:Thermal	0	0	0	0	0	0	0	35	35
FM1:CAL	0	0	0	FM0	0	0	0	35	35
FM2:Power	0	0	0	FM0	0	0	0	35	35
FM3:Landi	0	0	0	FM0	0	0	0	35	35
ng									
FM4:Cruise	0	0	0	FM0	0	0	0	35	35
FM5:Speed	0	0	0	FM0	0	0	0	35	35
FM6	0	0	0	FM0	0	0	0	0	0
FM7	0	0	0	FM0	0	0	0	0	0
FM8	0	0	0	FM0	0	0	0	0	0

Inputs	
I1:Rud	Rud Weight(+100%) [CATCHA]
I2:Ele	Ele Weight(+100%) [CATCHA]
I3:Ail	Ail Weight(+100%) [CATCHA]

Mixers	
CH1:RtAil	I3:Ail Weight(+100%) NoTrim Diff(GV8:RO_) [Ail] += CH21:AilTrm Weight(+100%) [AilTrm] += CH10:AilCm Weight(+100%) NoTrim [AilCm] += CH19:RevDif Weight(+GV6:RvD) NoTrim Func(x<0) [RevDif] := Ail Weight(+100%) Flight mode(FM1:CAL)

CH1:RtAil	I3:Ail Weight(+100%) NoTrim Diff(GV8:RO_) [Ail] += CH21:AilTrm Weight(+100%) [AilTrm] += CH10:AilCm Weight(+100%) NoTrim [AilCm] += CH19:RevDif Weight(+GV6:RvD) NoTrim Func(x<0) [RevDif] := Ail Weight(+100%) Flight mode(FM1:CAL)
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<p>CH2:LtAil</p> <p>NoTrim [Cal] := Ail Weight(+50%) Flight mode(FM1:CAL) Switch(L12) NoTrim [Ca50] I3:Ail Weight(-100%) NoTrim Diff(GV8:RO_) [Ail] += CH21:AilTrm Weight(-100%) [AilTrm] += CH10:AilCm Weight(+100%) NoTrim [AilCm] += CH19:RevDif Weight(-GV6:RvD) NoTrim Func(x>0) [RevDif] := Ail Weight(+100%) Flight mode(FM1:CAL) NoTrim [Cal] := Ail Weight(+50%) Flight mode(FM1:CAL) Switch(L12) NoTrim [Ca50]</p> <p>CH3:RtFlap</p> <p>I3:Ail Weight(+GV5:A2F) NoTrim Diff(GV9:RO_) [Ail] += CH21:AilTrm Weight(+GV5:A2F) [AilTrm] += CH11:FlapCm Weight(+100%) NoTrim [FlapCm] := Thr Weight(+100%) Flight mode(FM1:CAL) NoTrim Curve(CV9:Cal) [Cal] := CH24:FlpOff Weight(+100%) Flight mode(FM1:CAL) Switch(!L11) [CALOff]</p> <p>CH4:LtFlap</p> <p>I3:Ail Weight(-GV5:A2F) NoTrim Diff(GV9:RO_) [Ail] += CH21:AilTrm Weight(-GV5:A2F) [AilTrm] += CH11:FlapCm Weight(+100%) NoTrim [FlapCm] := Thr Weight(+100%) Flight mode(FM1:CAL) NoTrim Curve(CV9:Cal) [Cal] := CH24:FlpOff Weight(+100%) Flight</p>	<p>CH2:LtAil</p> <p>NoTrim [Cal] := Ail Weight(+50%) Flight mode(FM1:CAL) Switch(L12) NoTrim [Ca50] I3:Ail Weight(-100%) NoTrim Diff(GV8:RO_) [Ail] += CH21:AilTrm Weight(-100%) [AilTrm] += CH10:AilCm Weight(+100%) NoTrim [AilCm] += CH19:RevDif Weight(-GV6:RvD) NoTrim Func(x>0) [RevDif] := Ail Weight(+100%) Flight mode(FM1:CAL) NoTrim [Cal] := Ail Weight(+50%) Flight mode(FM1:CAL) Switch(L12) NoTrim [Ca50]</p> <p>CH3:RtFlap</p> <p>I3:Ail Weight(+GV5:A2F) NoTrim Diff(GV9:RO_) [Ail] += CH21:AilTrm Weight(+GV5:A2F) [AilTrm] += CH11:FlapCm Weight(+100%) NoTrim [FlapCm] := Thr Weight(+100%) Flight mode(FM1:CAL) NoTrim Curve(CV9:Cal) [Cal] := CH24:FlpOff Weight(+100%) Flight mode(FM1:CAL) Switch(!L11) [CALOff]</p> <p>CH4:LtFlap</p> <p>I3:Ail Weight(-GV5:A2F) NoTrim Diff(GV9:RO_) [Ail] += CH21:AilTrm Weight(-GV5:A2F) [AilTrm] += CH11:FlapCm Weight(+100%) NoTrim [FlapCm] := Thr Weight(+100%) Flight mode(FM1:CAL) NoTrim Curve(CV9:Cal) [Cal] := CH24:FlpOff Weight(+100%) Flight</p>
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CH5:Elev	mode(FM1:CAL) Switch(!L11) [CALOff] I2:Ele Weight(-100%) [Ele] += CH22:CrComp Weight(+100%) Flight mode(FM3:Landing) [CrComp] += CH23:MoComp Weight(+100%) Flight mode(FM2:Power) [MoComp] := Ele Weight(+100%) Flight mode(FM1:CAL) NoTrim [Cal]	CH5:Elev	mode(FM1:CAL) Switch(!L11) [CALOff] I2:Ele Weight(-100%) [Ele] += CH22:CrComp Weight(+100%) Flight mode(FM3:Landing) [CrComp] += CH23:MoComp Weight(+100%) Flight mode(FM2:Power) [MoComp] := Ele Weight(+100%) Flight mode(FM1:CAL) NoTrim [Cal]
CH6:Rudder	I1:Rud Weight(+100%) NoTrim [Rudder] += I3:Ail Weight(+GV7:A2R) NoTrim [Ail] := Rud Weight(+100%) Flight mode(FM1:CAL) NoTrim [Cal]	CH6:Rudder	I1:Rud Weight(+100%) NoTrim [Rudder] += I3:Ail Weight(+GV7:A2R) NoTrim [Ail] := Rud Weight(+100%) Flight mode(FM1:CAL) NoTrim [Cal]
CH7:Motor	MAX Weight(-100%) [Idle] := CH18:RawMot Weight(+100%) Flight mode(FM2:Power) [RawMot]	CH7:Motor	MAX Weight(-100%) [Idle] := CH18:RawMot Weight(+100%) Flight mode(FM2:Power) [RawMot]
CH10:AilCm	CH20:Camber Weight(+GV1:CmA) Flight mode(FM0:Thermal) [Camber] += MAX Weight(+GV1:CmA) Flight mode(FM5:Speed) [Reflex] += CH16:Crow Weight(-GV1:CmA) Flight mode(FM3:Landing) Offset(GV1:CmA) [Crow]	CH10:AilCm	CH20:Camber Weight(+GV1:CmA) Flight mode(FM0:Thermal) [Camber] += MAX Weight(+GV1:CmA) Flight mode(FM5:Speed) [Reflex] += CH16:Crow Weight(-GV1:CmA) Flight mode(FM3:Landing) Offset(GV1:CmA) [Crow]
CH11:FlapCm	CH20:Camber Weight(+GV2:CmF) Flight mode(FM0:Thermal) [Camber] += MAX Weight(+GV2:CmF) Flight mode(FM5:Speed) [Reflex] += CH16:Crow Weight(+GV2:CmF) NoTrim Offset(-GV2:CmF) [Crow] += CH24:FlpOff Weight(+100%) [FlpOff]	CH11:FlapCm	CH20:Camber Weight(+GV2:CmF) Flight mode(FM0:Thermal) [Camber] += MAX Weight(+GV2:CmF) Flight mode(FM5:Speed) [Reflex] += CH16:Crow Weight(+GV2:CmF) NoTrim Offset(-GV2:CmF) [Crow] += CH24:FlpOff Weight(+100%) [FlpOff]
CH14:AilDif	CH15:FlpDif Weight(+100%) [FlpDif] *= CH16:Crow Weight(+50%) Offset(50%)	CH14:AilDif	CH15:FlpDif Weight(+100%) [FlpDif] *= CH16:Crow Weight(+50%) Offset(50%)

<p>CH15:FlpDif [Crow] TrmR Weight(+100%) NoTrim Curve(CV3:Dif) [DifAdj]</p> <p>CH16:Crow MAX Weight(+100%) [Fixed] := CH17:RawCro Weight(+100%) Flight mode(FM3:Landing) [RawCro]</p> <p>CH17:RawCro Thr Weight(+100%) NoTrim Curve(CV4:CCT) [CrowCt]</p> <p>CH18:RawMot LS Weight(+100%) NoTrim Curve(CV7:MCt) [MotCt]</p> <p>CH19:RevDif I3:Ail Weight(+100%) Flight mode(FM3:Landing) NoTrim [Ail] *= CH16:Crow Weight(-50%) Offset(50%) [Crow]</p> <p>CH20:Camber RS Weight(+25%) Flight mode(FM0:Thermal) Offset(-50%) [CmbCt]</p> <p>CH21:AilTrm TrmA Weight(+25%) [AilTrm]</p> <p>CH22:CrComp CH16:Crow Weight(+GV3:Cmp) Flight mode(FM3:Landing) Curve(CV2:CrC) [Crow] *= TrmT Weight(+50%) NoTrim Offset(50%) [CrCAdj]</p> <p>CH23:MoComp CH18:RawMot Weight(-50%) Offset(-50%) [RawMot] *= TrmT Weight(+GV3:Cmp) [MoCAdj]</p> <p>CH24:FlpOff MAX Weight(+GV4:FOf) [FlapOf]</p>	<p>CH15:FlpDif [Crow] TrmR Weight(+100%) NoTrim Curve(CV3:Dif) [DifAdj]</p> <p>CH16:Crow MAX Weight(+100%) [Fixed] := CH17:RawCro Weight(+100%) Flight mode(FM3:Landing) [RawCro]</p> <p>CH17:RawCro Thr Weight(+100%) NoTrim Curve(CV4:CCT) [CrowCt]</p> <p>CH18:RawMot LS Weight(+100%) NoTrim Curve(CV7:MCt) [MotCt] := LS Weight(+100%) Flight mode(FM2:Power) NoTrim Curve(CV10:Mc2) [MotCt]</p> <p>CH19:RevDif I3:Ail Weight(+100%) Flight mode(FM3:Landing) NoTrim [Ail] *= CH16:Crow Weight(-50%) Offset(50%) [Crow]</p> <p>CH20:Camber RS Weight(+25%) Flight mode(FM0:Thermal) Offset(-50%) [CmbCt]</p> <p>CH21:AilTrm TrmA Weight(+25%) [AilTrm]</p> <p>CH22:CrComp CH16:Crow Weight(+GV3:Cmp) Flight mode(FM3:Landing) Curve(CV2:CrC) [Crow] *= TrmT Weight(+50%) NoTrim Offset(50%) [CrCAdj]</p> <p>CH23:MoComp CH18:RawMot Weight(-50%) Offset(-50%) [RawMot] *= TrmT Weight(+GV3:Cmp) [MoCAdj]</p> <p>CH24:FlpOff MAX Weight(+GV4:FOf) [FlapOf]</p>
Outputs	

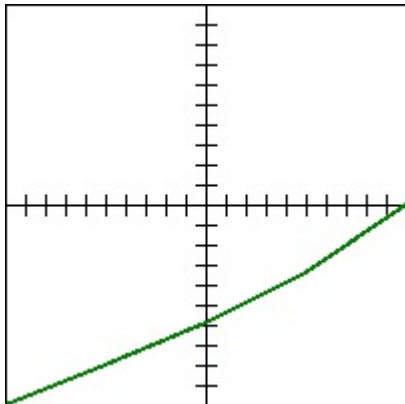
Channel	Subtri	Min	Max	Direct	Curve	PPM	Linea
m							r
CH1:RtAil	+0.0	-150.0	+150.0	NOR	CV11:	1500	N
	%	%	0%		RtA		
CH2:LtAil	+0.0	-150.0	+150.0	NOR	CV12:L	1500	N
	%	%	0%		tA		
CH3:RtFlap	+0.0	-150.0	+150.0	NOR	CV13:	1500	N
	%	%	0%		RtF		
CH4:LtFlap	+0.0	-150.0	+150.0	NOR	CV14:L	1500	N
	%	%	0%		tF		
CH5:Elev	+0.0	-150.0	+150.0	NOR	CV15:	1500	N
	%	%	0%		ERv		
CH6:Rudder	+0.0	-150.0	+150.0	NOR	CV16:	1500	N
	%	%	0%		RLv		
CH7:Motor	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH10:AilCm	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH11:FlapCm	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH14:AilDif	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH15:FlpDif	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH16:Crow	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH17:RawCro	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH18:Raw	+0.0	-100.0	+100.0	NOR	----	1500	N

Channel	Subtri	Min	Max	Direct	Curve	PPM	Linea
m							r
CH1:RtAil	+0.0	-150.0	+150.0	NOR	CV11:	1500	N
	%	%	0%		RtA		
CH2:LtAil	+0.0	-150.0	+150.0	NOR	CV12:L	1500	N
	%	%	0%		tA		
CH3:RtFlap	+0.0	-150.0	+150.0	NOR	CV13:	1500	N
	%	%	0%		RtF		
CH4:LtFlap	+0.0	-150.0	+150.0	NOR	CV14:L	1500	N
	%	%	0%		tF		
CH5:Elev	+0.0	-150.0	+150.0	NOR	CV15:	1500	N
	%	%	0%		ERv		
CH6:Rudder	+0.0	-150.0	+150.0	NOR	CV16:	1500	N
	%	%	0%		RLv		
CH7:Motor	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH10:AilCm	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH11:FlapCm	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH14:AilDif	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH15:FlpDif	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH16:Crow	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH17:RawCro	+0.0	-100.0	+100.0	NOR	----	1500	N
	%	%	0%				
CH18:Raw	+0.0	-100.0	+100.0	NOR	----	1500	N

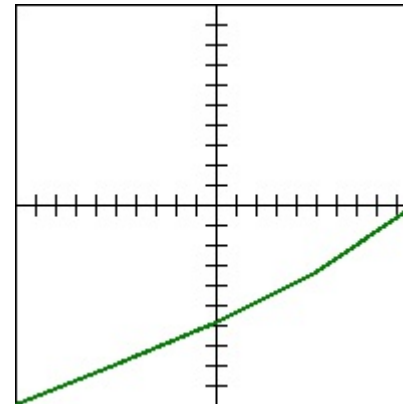
Mot	%	%	0%				
CH19:RevD	+0.0	-100.0	+100.	NOR	----	1500	N
if	%	%	0%				
CH20:Cam	+0.0	-100.0	+100.	NOR	----	1500	N
ber	%	%	0%				
CH21:AilTr	+0.0	-100.0	+100.	NOR	----	1500	N
m	%	%	0%				
CH22:CrCo	+0.0	-100.0	+100.	NOR	----	1500	N
mp	%	%	0%				
CH23:MoC	+0.0	-100.0	+100.	NOR	----	1500	N
omp	%	%	0%				
CH24:FlpO	+0.0	-100.0	+100.	NOR	----	1500	N
ff	%	%	0%				

Curves

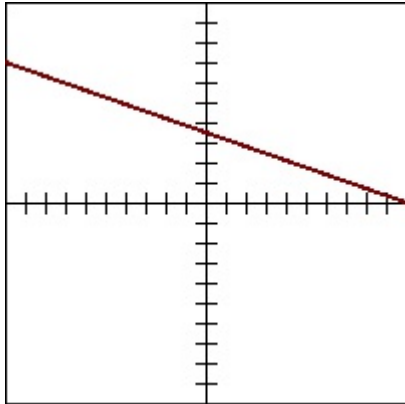
CV2:CrC Standard, [-100, -80, -59, -34, 0]



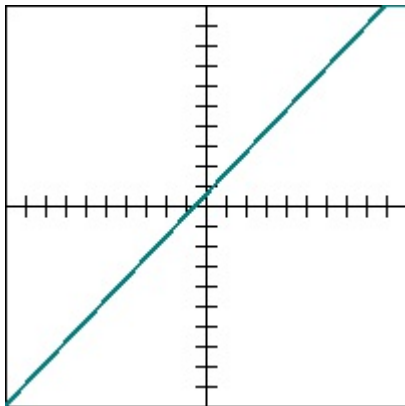
CV2:CrC Standard, [-100, -80, -59, -34, 0]



CV3:Dif Standard, [70, 0]

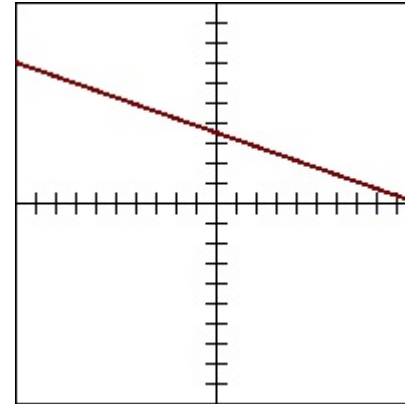


CV4:Cct Custom, [(-100, -100), (90, 100), (100, 100)]

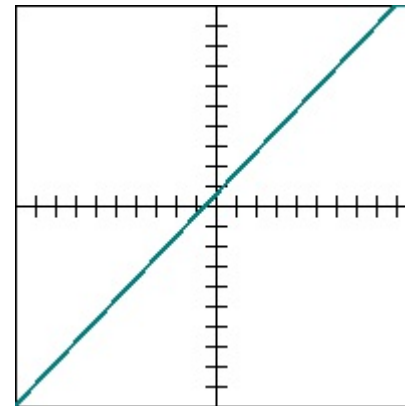


CV7:Mct Custom, [(-100, -100), (-75, -100), (100, 100)]

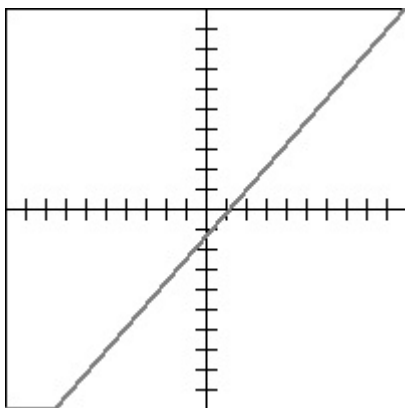
CV3:Dif Standard, [70, 0]



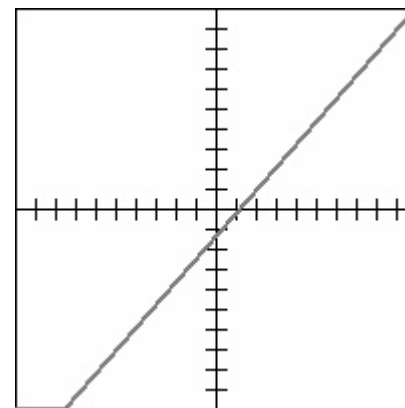
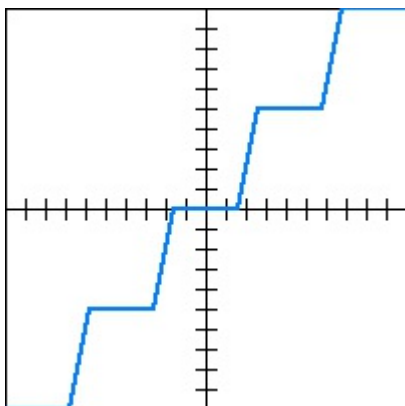
CV4:Cct Custom, [(-100, -100), (90, 100), (100, 100)]



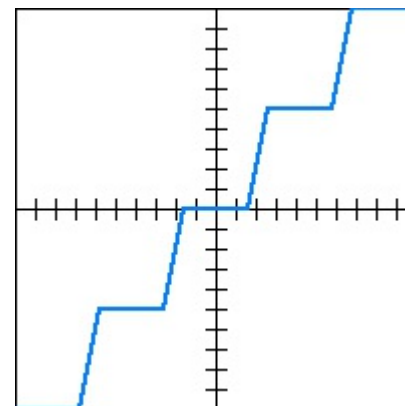
CV7:Mct Custom, [(-100, -100), (-75, -100), (100, 100)]



CV9:Cal Custom, $[(-100, -100), (-68, -100), (-58, -50), (-26, -50), (-16, 0), (16, 0), (26, 50), (58, 50), (68, 100), (100, 100)]$

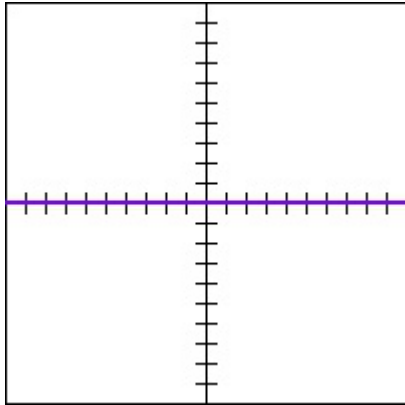


CV9:Cal Custom, $[(-100, -100), (-68, -100), (-58, -50), (-26, -50), (-16, 0), (16, 0), (26, 50), (58, 50), (68, 100), (100, 100)]$

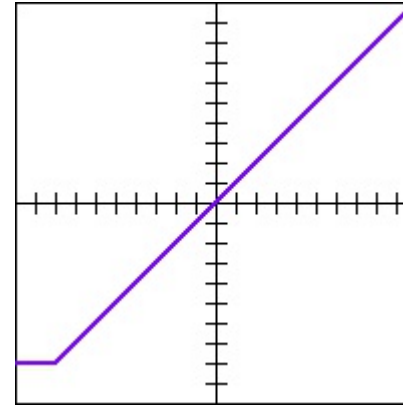


CV10

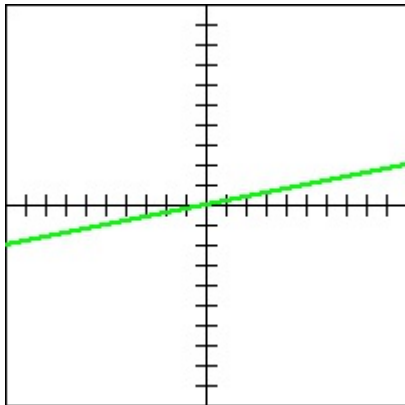
Standard, $[0, 0, 0, 0, 0]$



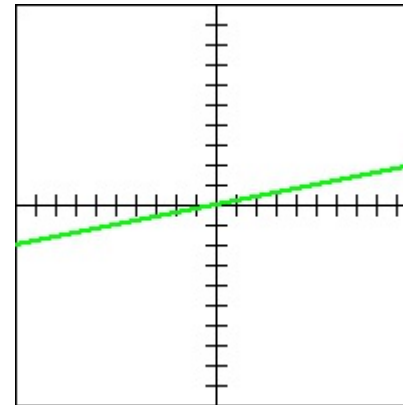
CV10:Mc2 Custom, $[(-100, -80), (-80, -80), (100, 100)]$



CV11:RtA Standard, $[-20, 0, 20]$

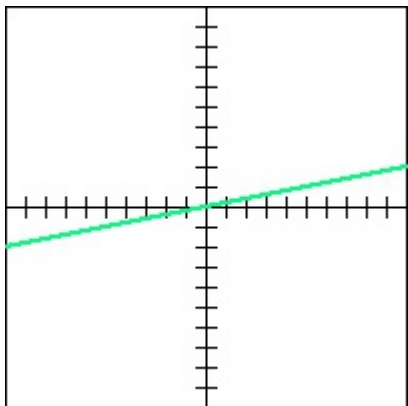


CV11:RtA Standard, $[-20, 0, 20]$

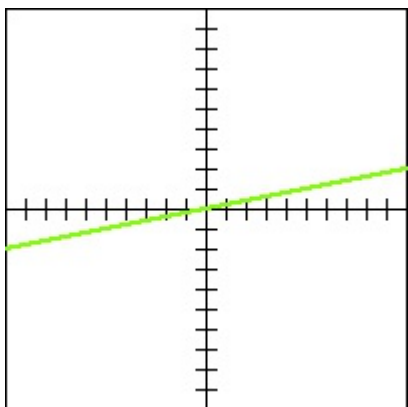


CV12:LtA Standard, $[-20, 0, 20]$

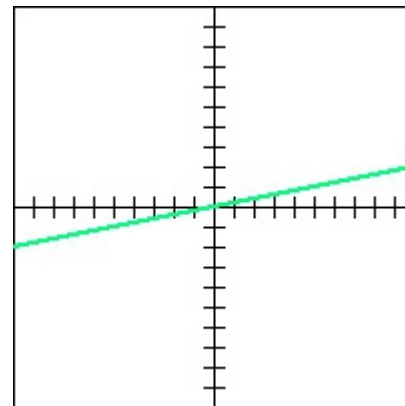
CV12:LtA Standard, $[-20, 0, 20]$



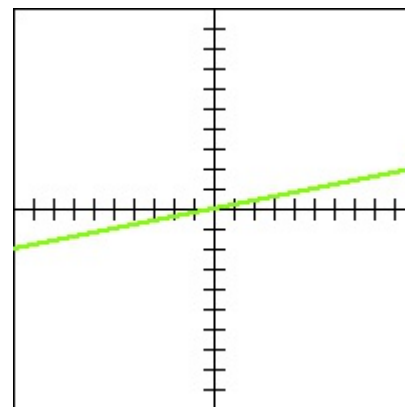
CV13:RtF Standard, [-20, -10, 0, 10, 20]



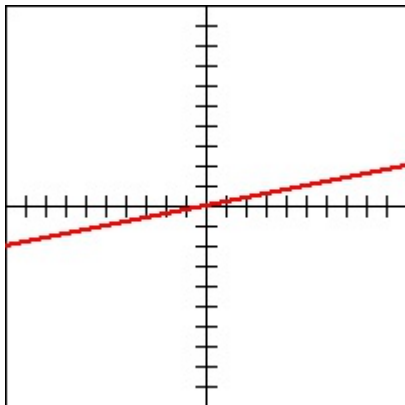
CV14:LtF Standard, [-20, 0, 20]



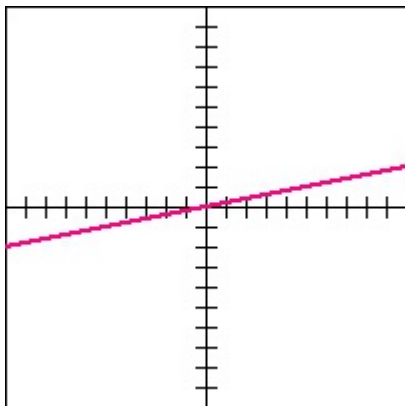
CV13:RtF Standard, [-20, -10, 0, 10, 20]



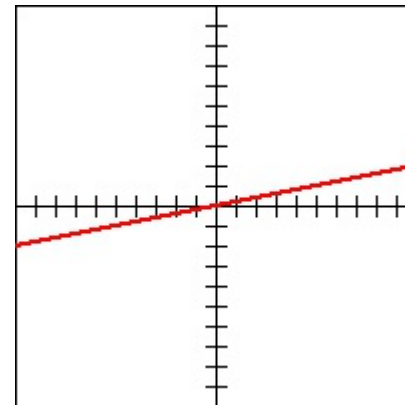
CV14:LtF Standard, [-20, 0, 20]



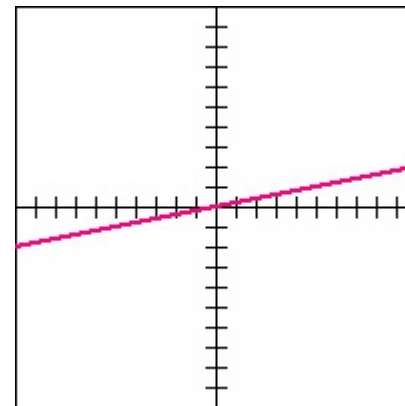
CV15:ERv Standard, [-20, 0, 20]



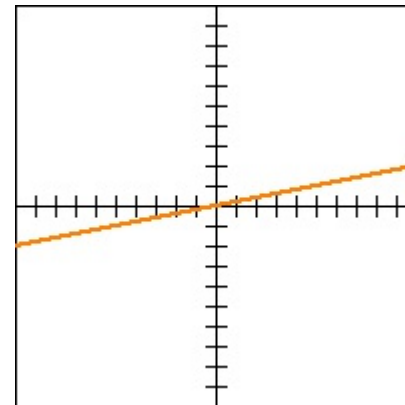
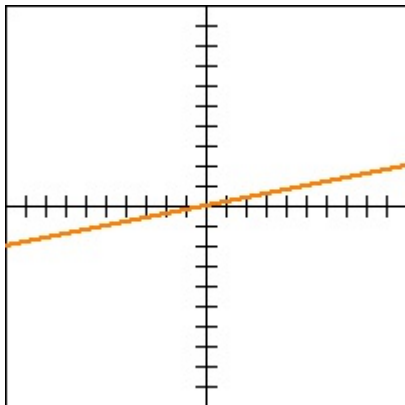
CV16:RLv Standard, [-20, 0, 20]



CV15:ERv Standard, [-20, 0, 20]



CV16:RLv Standard, [-20, 0, 20]



Logical Switches

L1 SH↓ AND ----
L2 SH↓ AND ----
L3 SF↓ AND ----
L4 L30 AND ----
L5 L31 AND ----
L6 (Ail < -90) AND L01
L7 (Ele < -90) AND L06
L8 Sticky(L07, L09)
L9 (L01 AND L08) AND !L07
L10 FM1 AND SA↓
L11 FM1 AND SA-
L12 FM1 AND SA↑
L13 CH18:RawMot > -100
L14 (!L17 AND !L08) AND !L07
L15 L04 AND !L13

L1 SH↓ AND ----
L2 SH↓ AND ----
L3 SF↓ AND ----
L4 L38 AND ----
L5 L39 AND ----
L6 (Ail < -90) AND L01
L7 (Ele < -90) AND L06
L8 Sticky(L07, L09)
L9 (L01 AND L08) AND !L07
L10 FM1 AND SA↓
L11 FM1 AND SA-
L12 FM1 AND SA↑
L13 CH18:RawMot > -100
L14 (!L17 AND !L08) AND !L07
L15 L04 AND !L13

L16	(Edge(L15, [0:instant])) AND L14	L16	(Edge(L15, [0:instant])) AND L14
L17	Sticky(L16, L18)	L17	Sticky(L16, L18)
L18	(L05 OR FM1) AND L17	L18	(L05 OR FM1) AND L17
L19	L17 AND L13	L19	L17 AND L13
L20	L14 AND L13	L20	L14 AND L13
L21	(Edge(L04, [0:instant])) AND L20	L21	(Edge(L04, [0:instant])) AND L20
L22	(Edge(L13, [0:instant])) AND !L17	L22	(Edge(L13, [0:instant])) AND !L17
L23	CH7:Motor > -100 Delay(0.1s)	L23	CH7:Motor > -100 Delay(0.1s)
L24	Sticky(L23, !L17)	L24	Sticky(L23, !L17)
L25	Edge(L17, [0:instant])	L25	Edge(L17, [0:instant])
L26	(TMR1:Flight > 5) AND !L24	L26	(TMR1:Flight > 5) AND !L24
L27	CH17:RawCro < 100	L27	CH17:RawCro < 100
L28	Ele < -90	L28	Ele < -90
L29	(Ail > 90) AND L28	L29	(Ail > 90) AND L28
L30	(Edge(L02, [1.2:instant])) AND L29	L30	(Edge(L02, [1.2:instant])) AND L29
L31	(Edge(L02, [1.1:instant])) AND !L29	L31	(Edge(L02, [1.1:instant])) AND !L29
L32	Edge(!L17, [0:instant]) Duration(1s)	L32	Edge(!L17, [0:instant]) Duration(1s)
L33	Edge(!L08, [0:instant]) Duration(1s)	L33	Edge(!L08, [0:instant]) Duration(1s)
L34	L32 OR L33	L34	L32 OR L33
L35	(Edge(L02, [1.5:instant])) AND !L34	L35	(Edge(L02, [1.5:instant])) AND !L34
L36	Edge(L02, [0.5:instant])	L36	Edge(L02, [0.5:instant])
L37	Edge(!L03, [0:0])	L37	Edge(!L03, [0:0])
L38	Sticky(L37, L39)	L38	Sticky(L37, L39)
L39	Edge(!L03, [0:instant])	L39	Edge(!L03, [0:instant])
Special Functions			
SF1	FM1 - Play Sound (Cheep) Repeat 3s	SF1	FM1 - Play Sound (Cheep) Repeat 3s
SF2	ON - Adjust GV8:RO_ (CH14) No repeat	SF2	ON - Adjust GV8:RO_ (CH14) No repeat

SF3 ON - Adjust GV9:RO_ (CH15) No repeat SF4 L25 - Reset (TMR1:Flight) No repeat SF5 FM0 - Play Track (es3thm) No repeat SF6 FM5 - Play Track (es3spd) No repeat SF7 L10 - Play Track (es3caf) Repeat 9s SF8 L11 - Play Track (es3cal) Repeat 9s SF9 L12 - Play Track (es3cai) Repeat 9s SF10 FM2 - Play Track (es3pwr) No repeat SF11 FM3 - Play Track (es3hd) No repeat SF12 FM4 - Play Track (es3cru) No repeat SF13 L26 - Play Value (TMR1:Flight) No repeat SF14 L17 - Play Sound (Siren) No repeat SF15 L17 - Play Track (es3ar2) No repeat SF16 !L17 - Play Track (es3drm) Played once, not during startup SF17 L22 - Play Track (es3mcd) No repeat SF18 L21 - Play Track (es3noa) Played once, not during startup SF19 L17 - Play Sound (Beep 1) Repeat 12s	SF3 ON - Adjust GV9:RO_ (CH15) No repeat SF4 L25 - Reset (TMR1:Flight) No repeat SF5 FM0 - Play Track (es3thm) No repeat SF6 FM5 - Play Track (es3spd) No repeat SF7 L10 - Play Track (es3caf) Repeat 9s SF8 L11 - Play Track (es3cal) Repeat 9s SF9 L12 - Play Track (es3cai) Repeat 9s SF10 FM2 - Play Track (es3pwr) No repeat SF11 FM3 - Play Track (es3hd) No repeat SF12 FM4 - Play Track (es3cru) No repeat SF13 L26 - Play Value (TMR1:Flight) No repeat SF14 L17 - Play Sound (Siren) No repeat SF15 L17 - Play Track (es3ar2) No repeat SF16 !L17 - Play Track (es3drm) Played once, not during startup SF17 L22 - Play Track (es3mcd) No repeat SF18 L21 - Play Track (es3noa) Played once, not during startup SF19 L17 - Play Sound (Beep 1) Repeat 12s
Telemetry	
Protocol FrSky S.PORT RSSI Low: < 45; Critical: < 42; Telemetry audio: Enable Alarms Altimetry Vario source: () Vario limits > Sink max: -10; Sink in: -0.5; Climb min: 0.5; Climb max: 10; Center ilent: No	Protocol FrSky S.PORT RSSI Low: < 45; Critical: < 42; Telemetry audio: Enable Alarms Altimetry Vario source: () Vario limits > Sink max: -10; Sink in: -0.5; Climb min: 0.5; Climb max: 10; Center ilent: No

Top Bar Multi sensors	Volts source: ----; Altitude source: ---- Enable	Top Bar Multi sensors	Volts source: ----; Altitude source: ---- Enable
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