Programming the FrSky for Pattern – Slow Down

By Don Ramsey and Joe Dunnaway

Someone recently asked about slowing the rudder on the FrSky. Sure, just go to Outputs and slow it down. Well that is fine but what if you want it to slow in normal flight mode but want it off for all other conditions or "Flight Modes". Turns out it is not straight forward

I'm using "Flight Modes" to make it easier. My modes are: FM0 (Cruise) and FM1 (Snap).

To set it up, select the Model Menu and on page 2 select VARS.

- Under "Values" select add a value and in the first box put your "Flight Mode"
- In the second box put the delay you want in % where 0.5% = 0.5 seconds
- Add as many as you want for different flight modes. I have 2 in the photo.

< Var1	ETHOS		83# 95# 48.0	
Value	and the second	-		0.5%
Range		-	-100.0% -	100.0%
Values	4			0.0%
•	FM0 (m_Cruise) 🔻			0.5%
	FM2 (m_Snap) 🔻	- "		0.2%
		• ₁₈	+ Add a new val	ue
Actions				

Exit to the Model menu and select "Outputs". In "Outputs" select the control you want to slow. I'm selecting rudder.

- Scroll down to "Slow Up" and in the input area long press until the menu shows
- Then select "Use a source"
- Select the "VAR" you added.
- Do the same for "Slow Down".
- The initial values in the grayed out area next to the "VAR" you chose will probably show something like 12.5s

< Channel6	ETH	05	0.48	0d8 8.3V
CH6 Rudder				1480us
	🕐 🗯 Channel Mixes	-3.9% 3.9%	the second second	
				T20003
Curve				🔻
Balance curve				Add
Slow up			v_Rud.Slow 🔻	0.5s
Slow down		-	v_Rud.Slow 🔻	0.5s
Balance channels	Swap c	hannels	Reset setti	ngs

- Long press that grayed out number and select "Options"
- Check the box for "Ignore range"
- This will allow the "VARS" value to be displayed as seconds in the output display.

Wow, there may be a better way. But, this will give you a way to have different slow down values for different "Flight Modes".