



# Castle Link Settings for Align 700E-700MX 510KV with Phoenix Ice2 HV 120-115 Main and 12T Pinion, Set RPM GOV.

<b>THROTTLE</b>	
Vehicle Type:	Helicopter
Throttle Type:	Governor Mode
Governor Gain:	12
Initial Spool-Up Rate:	3
Head Speed Change Rate:	18
Auto Rotate Enabled:	True
Governor Mode Type:	Fixed
Vehicle Setup - Battery Type:	LiPo
Vehicle Setup - Number of Cells:	12
Vehicle Setup - Battery Voltage:	44.4000
Vehicle Setup - Gear Ratio:	9.5833
Vehicle Setup - Pinion:	12
Vehicle Setup - Spur:	115
Vehicle Setup - Motor Kv:	510
Vehicle Setup - Motor Number of Poles:	10
Desired Head Speed 1:	1850
Desired Head Speed 2:	1950
Desired Head Speed 3:	2025
<b>BRAKE</b>	
<b>CUTOFFS</b>	
Cutoff Voltage:	Auto LiPo (default)
Auto-LiPo Volts/Cells:	3.2 Volts/Cell (default)
Voltage Cutoff Type:	RPM Reduction Cutoff
Current Limiting:	Insensitive (180A)
Cutoff Type:	Soft Cutoff (default)
<b>MOTOR</b>	
Motor Start Power:	Medium (59) (default)
Motor Timing:	Normal (5) (default)
Direction:	Reverse
PWM Rate:	8 Khz
<b>OTHER</b>	
Power-on Beep:	Enabled (default)
Live Link Enabled:	Disabled (default)
<b>LOGGING</b>	
Data Log Enabled:	255
Sample Frequency:	1 sample/sec (default)
<b>SOFTWARE</b>	
Device Name:	Phoenix Ice2 HV 120 (F367)
Current Firmware:	V4.0 (Beta)