Catalina Payload Summary

Command	XMM Loader	Binaries to Load	Port For First Load	Port For Second Load	Timing Options	Other Options
(1)	(<= 1)	(1 +)	(<= 1)	(<= 1)	(0 +)	(0 +)

Command	XMM Loader	Binaries to Load	Port For First Load	Port For Second Load	Timing Options	Other Options
payload	XMM XMM_1 XMM_2 Hydra_Mouse Hybrid_Mouse	program	-p <port>	-s <port>	-f <msec> -n <msec> -r <msec> -t <msec> -u <msec>	-a <port> -b <baud> -c <cpu> -d -e -m <max> -v -w -x -z

All Command Line Options:

```
-? or -h  print this helpful message and exit (-v for more help)
-a port   find propeller port automatically, starting at port
-b baud   use specified baudrate (default is 115200)
-c cpu    cpu destination for catalina upload (default is 1)
-d        diagnostic mode (-d again for more diagnostics)
-e        program the EEPROM with the program loaded
-f msec   set interfile delay in milliseconds (default is 100)
-m max    set max_attempts (default is 5)
-n msec   set sync timeout in milliseconds (default is 100)
-p port   use port for uploads (just first upload if -s used)
-r msec   set reset delay in milliseconds (default is 0)
-s port   switch to port for second and subsequent uploads
-t msec   set read timeout in milliseconds (default is 250)
-u msec   set reset time in milliseconds (default is 15)
-v        verbose mode (or include port numbers in help message)
-w        wait for a keypress between each load
-x        do catalina upload only (boot loader already loaded)
-z        double reset
```

NOTE:
- The **.binary** suffix is optional on binary files to be loaded.
- **Hydra_Mouse** is the XMM Loader for the Hydra mouse port.
- **Hybrid_Mouse** is the XMM Loader for the Hybrid mouse port.
- **XMM** is the XMM Loader for other Single-CPU XMM platforms
- **XMM_1** & **XMM_2** are for Multi-CPU platforms (TriBladeProp and Morpheus).