START → SETUP →

MAIN THREAD

WaitMultiple()
- mission start
- not suspended
- tag heard

→ ENTER OVERRIDE → EXECUTE OVERRIDE LEGS

sleep for leg runtime after issuing commands

RELEASE OVERRIDE

~~STATUS READER THREAD~~

STATUS READER THREAD

READ & PARSE STATUS MSGS
↓
UPDATE HEADING + VEHICLE STATUS

KEEP-ALIVE MSG

COM Port

TAG LISTENER THREAD

LISTEN FOR CHANGE IN CODE FILE
↓
SIGNAL FOR OVERRIDE (SetEvent)

KEEPALIVE THREAD

CHECK FOR MSG CHANGE

T=2s
↓
SEND KEEPALIVE MSG

🔒 = MUTEX

⏱ = Sleep() or on TimerQueue