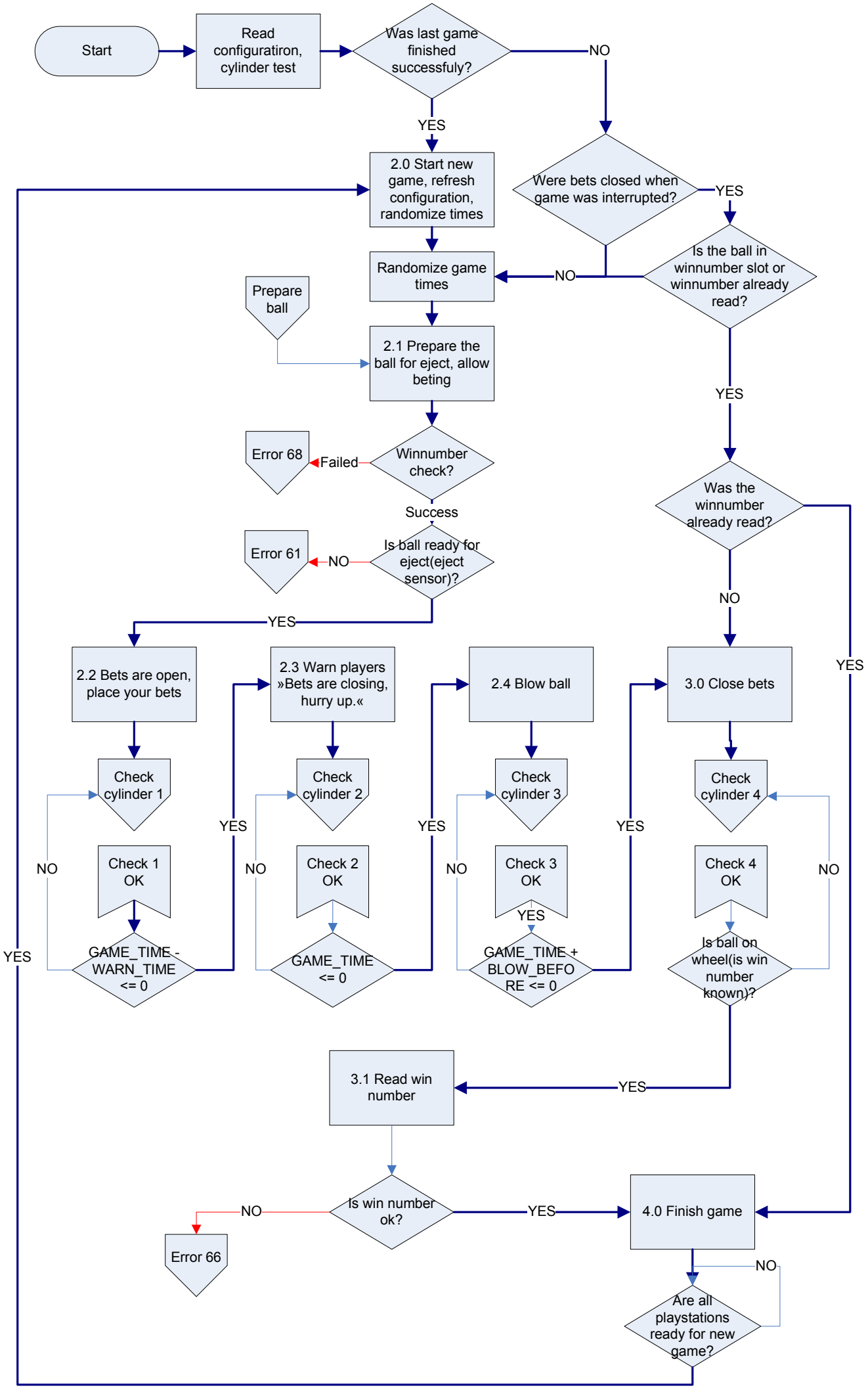
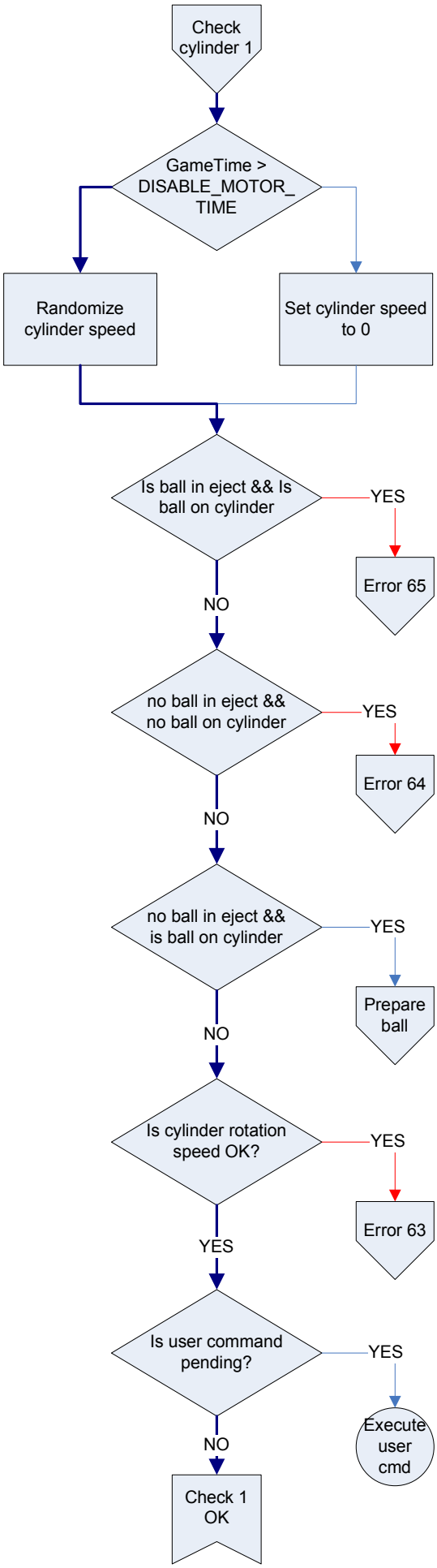
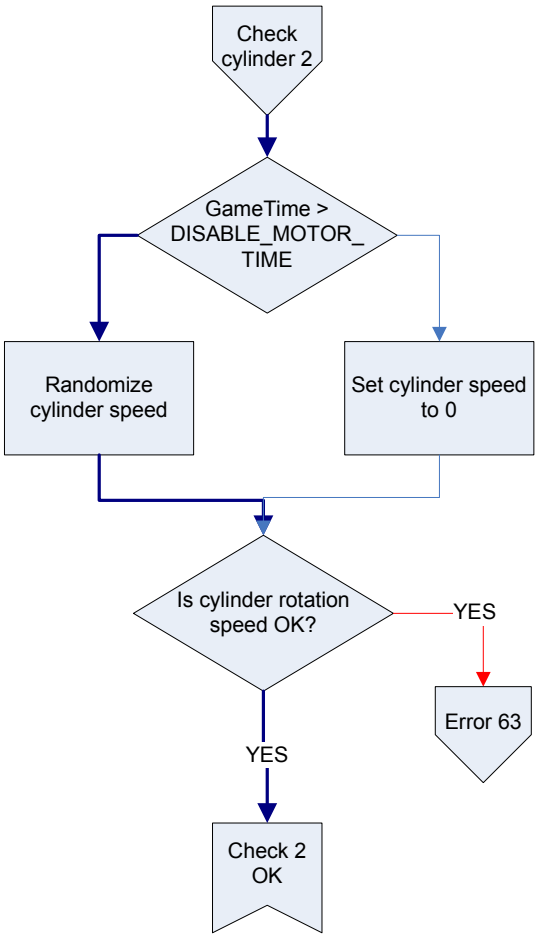
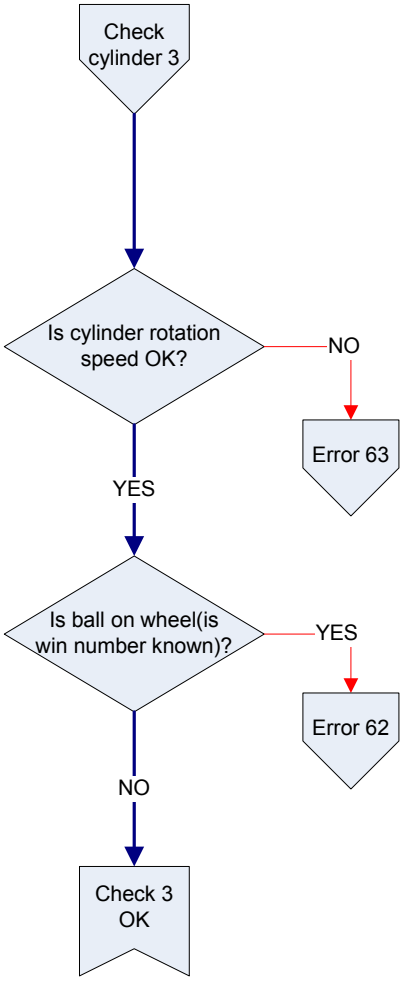
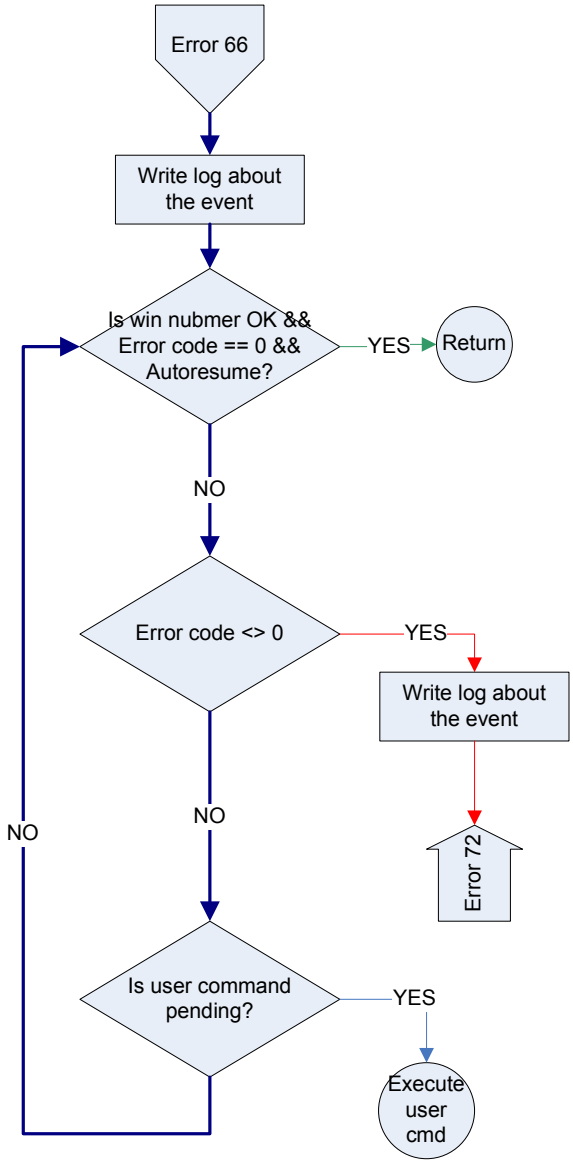
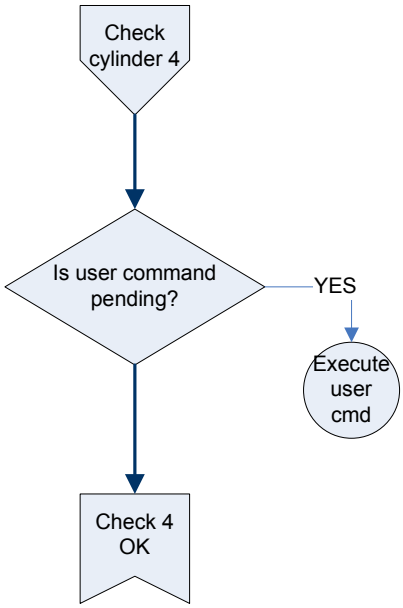

Start
Read configuratiron, cylinder test
Was last game finished successfuly?
NO
YES
2.0 Start new game, refresh configuration, randomize times
Were bets closed when game was interrupted?
YES
Is the ball in winnumber slot or winnumber already read?
NO
Randomize game times
Prepare ball
2.1 Prepare the ball for eject, allow beting
YES
Error 68
Failed
Winnumber check?
Success
Was the winnumber already read?
Error 61
NO
Is ball ready for eject(eject sensor)?
NO
YES
YES
2.2 Bets are open, place your bets
2.3 Warn players »Bets are closing, hurry up.«
2.4 Blow ball
3.0 Close bets
Check cylinder 1
Check cylinder 2
Check cylinder 3
Check cylinder 4
YES
YES
YES
NO
NO
NO
NO
Check 1 OK
Check 2 OK
Check 3 OK
Check 4 OK
YES
YES
GAME_TIME - WARN_TIME <= 0
GAME_TIME <= 0
GAME_TIME + BLOW_BEFORE <= 0
Is ball on wheel(is win number known)?
YES
3.1 Read win number
Is win number ok?
NO
YES
Error 66
4.0 Finish game
NO
Are all playstations ready for new game?

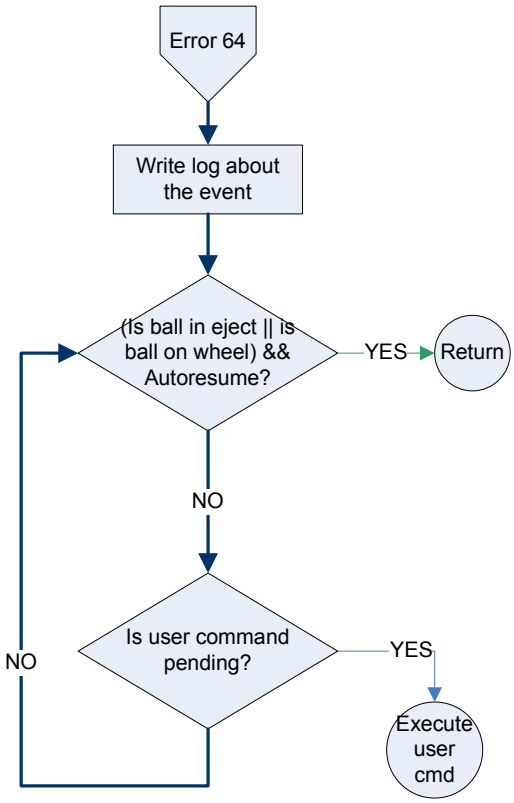

Check cylinder 1
GameTime > DISABLE_MOTOR_ TIME
Randomize cylinder speed
Set cylinder speed to 0
Is ball in eject && Is ball on cylinder
YES
Error 65
NO
no ball in eject && no ball on cylinder
YES
Error 64
NO
no ball in eject && is ball on cylinder
YES
Prepare ball
NO
Is cylinder rotation speed OK?
YES
Error 63
YES
Is user command pending?
YES
Execute user cmd
NO
Check 1 OK

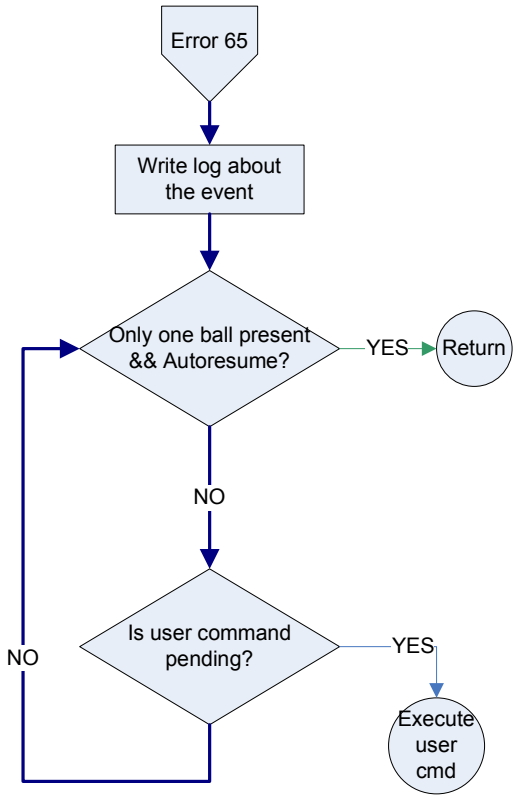

Check cylinder 2
GameTime > DISABLE_MOTOR_ TIME
Randomize cylinder speed
Set cylinder speed to 0
Is cylinder rotation speed OK?
YES
Error 63
YES
Check 2 OK

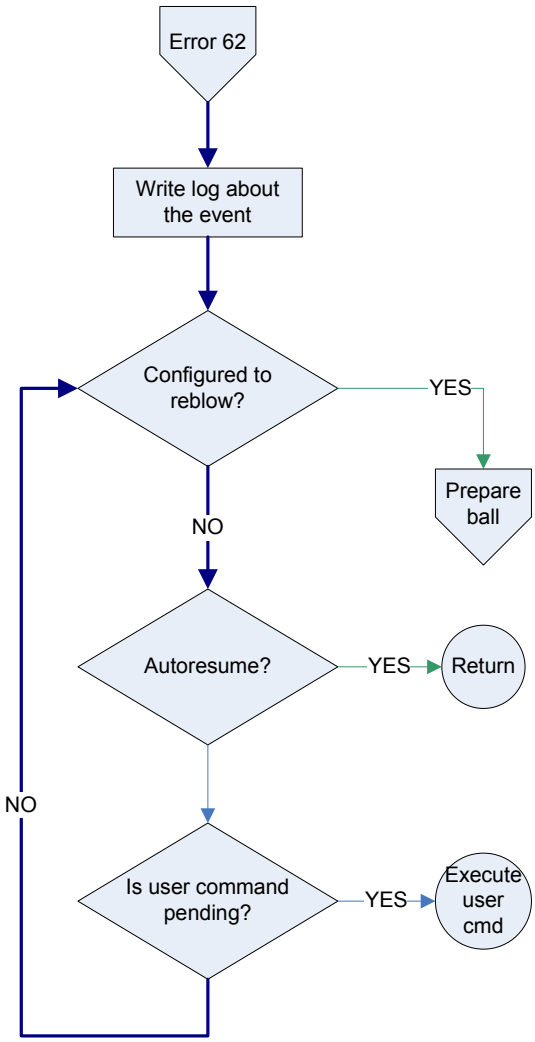

Check cylinder 3
Is cylinder rotation speed OK?
NO
Error 63
YES
Is ball on wheel(is win number known)?
YES
Error 62
NO
Check 3 OK

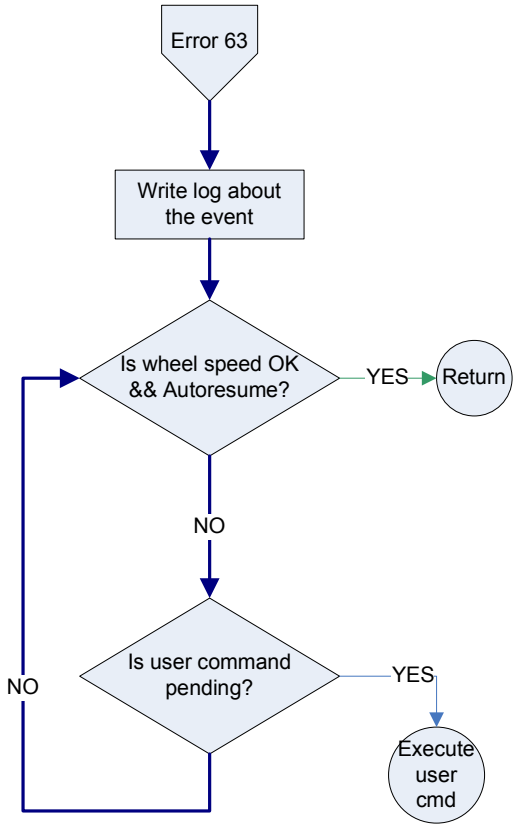

Error 66
Write log about the event
Is win nubmer OK && Error code == 0 && Autoresume?
YES
Return
NO
Error code <> 0
YES
Write log about the event
Error 72
NO
NO
Is user command pending?
YES
Execute user cmd

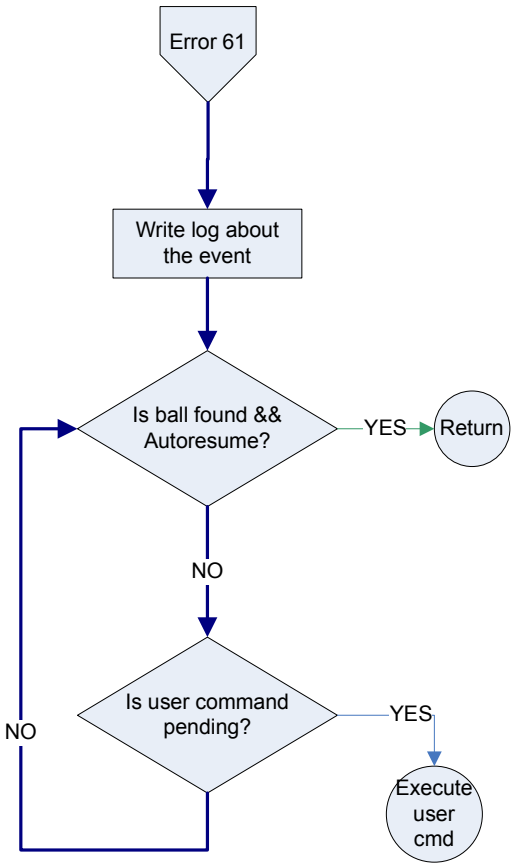

Check cylinder 4
Is user command pending?
YES
Execute user cmd
Check 4 OK

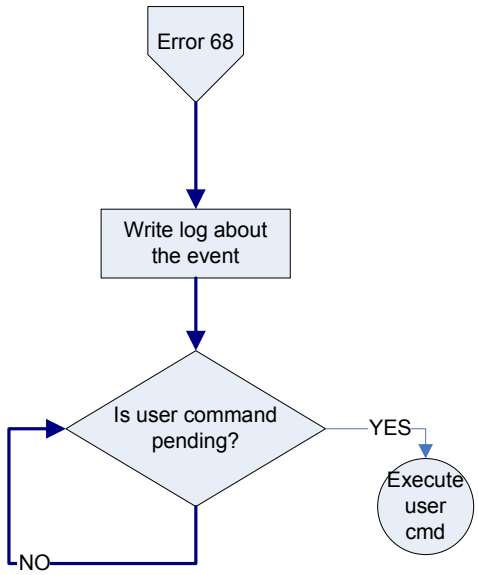

Error 64
Write log about the event
(Is ball in eject || is ball on wheel) && Autoresume?
YES
Return
NO
Is user command pending?
YES
Execute user cmd
NO


Error 65
Write log about the event
Only one ball present && Autoresume?
YES
Return
NO
Is user command pending?
YES
Execute user cmd
NO


Error 62
Write log about the event
Configured to reblow?
YES
Prepare ball
NO
Autoresume?
YES
Return
Is user command pending?
YES
Execute user cmd
NO


Error 63
Write log about the event
Is wheel speed OK && Autoresume?
YES
Return
NO
Is user command pending?
YES
Execute user cmd
NO


Error 61
Write log about the event
Is ball found && Autoresume?
YES
Return
NO
Is user command pending?
YES
Execute user cmd
NO


Error 68
Write log about the event
Is user command pending?
YES
Execute user cmd
NO