## **INSTALLING NEW INTELLITRAC SOFTWARE FOR THE G4**

## First start at your computer:

- 1. If you haven't used this USB in G4 previously it is a good idea to do a quick format. REMEMBER this will earase everything on that USB so make sure you don't have anything valuable on the USB. Hightlight the USB directory, do a right click and select format check off Quick Format. Select Yes.
- 2. Download the file from dropbox (email link shared with you), saving it to the chosen USB (let's say that is drive E).
- 3. Go to the USB (drive E) and **perform an extract** by highlighting the zipped file from Dropbox, doing a right click on your mouse and choosing EXTRACT ALL. A wizard will appear.

- 🧏 Extract Compressed (Zipped) Folders
Select a Destination and Extract Files
Files will be extracted to this folder:
G:\\Trac_3.19.115.1614 Browse
Show extracted files when complete
Extract Cancel Click on extract
Next you will see this confirmation of where to extract to:
Extract Compressed (Zipped) Folders
Select a Destination and Extract Files
Files will be extracted to this folder:
G: 11rac_3.19.115.1614 Browse
Show extracted files when complete

The wizard wants to make a new directory – do <u>NOT</u> allow this, go into the path and back it to just the root,

ĺ	Files will be e	tracted to this folder:
l	G:\	
	$\smile$	

Show extracted files when complete

4. Safely remove the USB by left clicking correct location on the SAFELY REMOVE HARDWARE icon at the bottom

of your computer's task bar.

5. Take the USB to the aircraft.

## Now at the aircraft:

6. Power on the G4. Press stop at the launch screen. Then insert the USB. Look for FOUND USB to appear in a green box at center of screen. The G4 is then ready to look to the plugged in USB.

(Note: Your settings such as lightbar, screen etc will remain as they were prior to the update.)

7. At the main IStarLaunch G4, choose "Update IntelliTrac"



StarLaunch G4 - version: 3.3.15.331		x
Select Application	FOUND USB	IntelliTrac version: 3.14.90.492
VEATLOC CEA	ac RUN Intell	Trac Touchscreen
Software Updates / Application Tools		unique ID: SatiocG411652
SATLOC'		Update IntelliTrac
Calibrate Screen		Simulate GPS
M IStarLaunch G4 version: 3.3.15.331		×
Select Application	FOUND USB	IntelliTrac version: 3.14.90.492
Vercome to Intellity		Trac Touchscreen
Software Updates / Application Tools		Unique ID: SatlocG411552
	<b>G4</b>	Update IntelliTrac
	HQ	Rollback IntelliTrac
Calibrate Screen		Simulate GPS
👫 IStarLaunch 64 - version: 3.3.15.331		×
Select Application	FOUND USB	IntelliTrac version: 3.18.109.15(
PERCECTOR	RUN Intell	ITrac Touchscreen
4	Software updated successfully to:	sktop
THERE WAS	Intelli Trac version: 3.18.109.1507.	Start
Software Updates / Ap	ок	ID: SatlocG411552
	HQ	Rollback IntelliTrac
Calibrate Screen		Simulate GPS

- 8. After the update, we suggest you power down, remove the USB from the hub and then boot up again.
- 9. Boot up as usual, choose Launch Intellitrac and once the G4 opening screen comes up, you should see the new software version at the top right of your initial Setup screen.

	IntelliTrac Setup	- 48 1	148, 789 (per )	1
	MAC Address: 0030640d038a	Unique ID: SatlocG411552	Release V 3.18.109.1507 WF-ON Apr 30, 2018	•
ersion	Flow Ctrl Not Detected			

Confirm it is the newest version.

Before using the software we recommend a double check on all of your pilot settings and ensuring your flow control is detected.

If your flow control is not detected, make sure your model is in use. Legacy or IF2? To check:

IntelliTrac Setup	S-41 0.444550	Delassa V 2 40 400 4507
MAC Address 10030640d038 Unique ID: Flow Ctri Not Detected	SatlocG411552	Release V 3.18.109.1507 WF-ON Apr 30, 2018
PATTE B'CK-TO-BAC		Back2Back
SWATH 80.0 M		SETUP
LEFT/RIGHT LEFT	CONTROLLERS	More Options
	Load HOPPER	EXIT
	G4 Controllers	Return To Map
/		

10.Go to G4 Controllers,

If your aircraft is installed with Legacy Intelliflow Controllers (PN: 806-1020-000), Please choose "Legacy

**Controllers**"; if it is an IF2 choose Single Flow IF2.

The screen should states" Single Intelliflow Detected" and "Controller FOUND".

If Controller is not FOUND, press "RESET"

IF2 Initial Setup	- ATE 2	And the local sector
Single IntelliFlow Detected	)	
Select Required Controller MODE		
Single Flow IF2		
DRY Gate IF2		BACK
Legacy Controllers	CONTROLLERS	Go Back
Dual Rate IF2	Controller FOUND	EXIT Return To
Running Legacy Controllers		Мар

a. Go to Setup $\rightarrow$  Flow Control Setup $\rightarrow$  Flow Control Advanced Setup, press "Test Valve".

How Control Advanced Schup		Last other Care
INTELLIFLOW - Firmware Version: 17 Compile Date/Time: Aug 21 18:53:34 Reverse Primary SO?		SETUP More Options
Job Flow PMaps	NO	Go Back
Set Controller Parameters		
Edge ON Lead Time	0.100 Sec. Test Valve	EXIT
Edge OFF Lead Time	0.300 Sec.	Return To Map

b. Set the open time from 200 to 2000, close time from 200 to 2000.

Valve TEST Mode	Defaults	
While TESTING, take pro	AUTION ecautions when rotating VALVE. st be less than 11 MPH.	
	2000 Milliseconds	BACK
CLOSE TIME	2000 Milliseconds	Go Back
Valve Pos: 1 1629		
OPEN	CLOSE	EXIT
Primary IF	Test Spray OFF	Return To Map

c. Press "Open", the valve pos should fully open – your number will vary depending on the controller.

Controller Type	Open – Approximately	Close - Approximately
Legacy Controller	~ 1100	~ 3600
IF2	~ 3060	~ 6100

IntelliFlow Valve/SO Tests	
Valve TEST Mode Defaults	
CAUTION While TESTING, take precautions when rotating VALVE. Note: Speed must be less than 11 MPH.	
OPEN TIME 2000 Milliseconds	BACK
CLOSE TIME 2000 Milliseconds	Go Back
Valve Pos: 1 1043	
OPEN CLOSE	EXIT
Primary IF Test Spray OFF	Return To Map

d. Press "close", the valve pos should fully close from around "1000" to around "3xxx".

Valve TEST Mode	Defaults	
While TESTING, take pre	AUTION ecautions when rotating VALVE. st be less than 11 MPH.	
	2000 Milliseconds	BACK
CLOSE TIME	2000 Milliseconds	Go Back
Valve Pos: 1 3679		
OPEN	CLOSE	EXIT
Primary IF	Test Spray OFF	Return To Map

e. Turn your intelliflow controller valve switch from "Normal" to "Bypass".

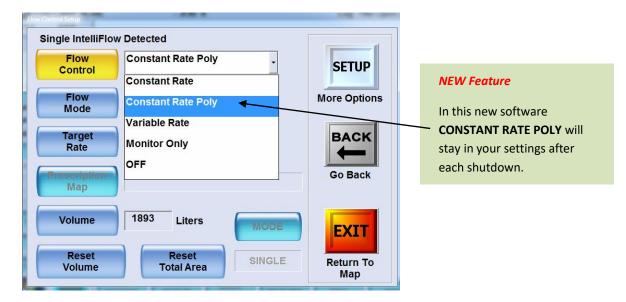
The valve pos should fully open-reference chart above.

f. Set the open time back from 2000 to 200, close time from 2000 to 200.

CAUTION While TESTING, take precautions when rotating VALVE. Note: Speed must be less than 11 MPH.	
OPEN TIME     200     Milliseconds       CLOSE TIME     200     Milliseconds	Go Back
Valve Pos: 1 1044 OPEN CLOSE	EXIT
Primary IF Test Spray OFF	Return To Map

g. Return your intelliflow controller valve switch from "Bypass" to "Normal".

a. Go to Setup  $\rightarrow$  Flow Control Setup, please control "Constant Rate Poly" is selected in "Flow Control".



b. Go to Setup  $\rightarrow$  Setup  $\rightarrow$  Setup  $\rightarrow$  Setup  $\rightarrow$  Setup  $\rightarrow$ , Until you get into the "Advance Options Setup".

Advanced Options Setup				
	1. JOBs by Name 2. Auto Start Pattern/Mark 3. Mark 0	YES NO		
Options Page Setup	4. Display Turns 5. Center Aircraft at Map Bottom	YES YES NO	SETUP	NEV
	6. Wide Screen on Startup 7. Spray ON/OFF Start Option	NO Unlocked		By t
	1. Polygon Fill MODE 2. Pattern Track Lines	HNFP YES	More Options	not
Options Page Setup	3. Move on Turns IntelliFlow Valve 4. Virtual Spray OFF Controller 5. DOF ICONS	YES NO	BACK	his f
	6. GPS Altitude 7. N/A	Ellipsold		entr
	1. IF2 LIQUID Flow Filter Tolerance 2. IF2 Toggle Up/Down in Percentage	20% YES	Go Back	rele
Options Page	3. Select Upper/Right Map Text 4. Swath Line Color	OFF		and
Setup	4. Swath Line Color 5. Display P1/P2 Lines 6. Optimize IntelliFlow Valve on Startup 7. N/A	NO NO		spra
Options Page	1. Display Lightbar A/B/C User Selection 2. Boom/Wing Spray ON/OFF Mode 3. Select Half-Swath Spray ON/OFF Control	NO OFF NO	EXIT	
Setup	4. Return/Mark MODE 5. Use JOB Polygon Fill Color 6. Log CPU Temperature 7. N/A	NO NO	Return To Map	

## **NEW Feature**

By this option the PILOT will not have to manually release his fan break at the exact entrance to his job. He can release it well in advance and the system will not spray.

c. In the "Advanced Options Setup ONE", set "Spray ON/OFF Start Option" to "Start SO Locked".

Advanced Options Setup ONE	]		
JOBS By Name	YES		Also a good idea to
Auto SET Pattern	NO		have Jobs by Name set
Mark 0	YES	BACK	you get a job that is Alpha Numeric
Display Turns	YES	Go Back	Alpha Numeric
Center Aircraft at Map Bottom	NO		
Wide Screen on Startup	NO	EXIT	
Spray ON/OFF Start Option	Start SO Locked	Return To Map	

d. In the "Advanced Options Setup FOUR", set "Select Half-Swath Spray ON/OFF Control" to "Yes".

dvanced Options Setup FOUR	4 - B	gas doors at on	
Display Lightbar A/B/C User Selection	NO		
BOOM Spray ON/OFF Mode	OFF (Center Only) -		This features allows a pilot to
Select Half-Swath Spray ON/OFF Control	YES	BACK	fly over his poly without the spray coming on.
Enter Return/Mark MODE Menu		Go Back	
Use JOB Color/Hatch/Spray OFF Features	NO		
Log CPU Temperature	NO	EXIT	
		Return To Map	

- 13. Press "Exit" to Return to Map.
- 14. Continue to work within the program or do a proper shutdown, CLEAR CLEAR Exit to Windows, then shut

windows done as usual.

*Note*: This reference sheet does not detail all the Forestry settings you need to install in your Satloc for the forestry program (calibration codes, UNITS, on/off etc). The purpose of this sheet is to assist with the upload of new software and highlighting new features.

