## **Start GPS Controller**

1. In the **Start | Programs** menu, you will find a program called **GPS Controller**. Start this program before starting FieldGenius.



2. The GPS Controller software will try to resolve a position. Once you get a position you can start FieldGenius.



- 3. Start FieldGenius by going to the **Start | Programs** menu and select **FieldGenius**. You will need to create a GPS profile to use.
- 4. In the Select GPS Mode Screen, select Start Rover and then on the Select GPS Profile screen create a new profile. In our example we created one named "Geo XT".

Select GPS Pr	ofile	es 🥖	7 123 <b>(</b> )
Select Profile f	or Rover:		
Geo XT		•	
Add Profil	e Del	ete Profile	
Profiles contain measurement	n equipme tolerance:	nt settings an s,	d
Connect the d receiver and s pressing the 'C	ata collect witch the Connect' b	tor to the GPS power on prior utton.	r to
<u>^</u>			
Connect	🤹 i	Profile	Close

5. You now need to edit the profile which will take you to the GPS configuration screen.

GPS Configuration	<i>₿</i> <sup>1</sup> 23 🕜
Model and Communication	Active Tolerance Mode (1)
Tolerance Mode 1	Antenna Height
Tolerance Mode 2	Correction Link
Tolerance Mode 3	
X	Close

6. You can use the following screen shots as a quick guide to get started. It is important to take the time to understand how the tolerance modes affect FieldGenius. You can set these based on the type of work you are going to be doing.

Data Collector       Port     COM2       Baud Rate     115200       Parity     None       Data Bits     8       Stop Bits     1	Data Collector Port COM2 Baud Rate 115200 Parity None Data Bits 8 Stop Bits 1	Port Data	Port	<b>•</b>
Port     COM2       Baud Rate     115200       Parity     None       Data Bits     8       Stop Bits     1	Port     COM2       Baud Rate     115200       Parity     None       Data Bits     8       Stop Bits     1	Data Collecto	r	
Baud Rate115200ParityNoneData Bits8Stop Bits1	Baud Rate 115200   Parity None   Data Bits 8  Stop Bits 1	Port	COM2	•
ParityNoneData Bits8Stop Bits1	Parity None   Data Bits 8  Stop Bits 1	Baud Rate	115200	्र
Data Bits 8 Stop Bits 1	Data Bits 8   Stop Bits 1	Parity	None	•
Stop Bits 1	Stop Bits 1	Data Bits	8	् 🕶
		Stop Bits	1	•
		Stop Bits	1	

GPS Antenna Con	figuration 🕅 🍠 123 😯
Model User Define	d 🗸 🗸
Antenna Height True 0.000m	Meas 0.000m
Press to Upda	te Calculated Height
Antenna 'Measured'	Parameters
Bottom of antenna	mount
Horizontal Offset	0.000m
Vertical Offset	0.000m
	ра 
√	ок

Tolerance Mode 1	I	🎫 🥂 <sup>1</sup> 23 😯
Masks Solution Autonomou	B	•
Elevation	SVs	5
PDOP 6.00	Ref ID	Any 👻
Horz RMS 5.000m	Vert RMS	5.000m
Point Tolerance Obs 5 Auto Record Dist 5.000m	] Time ] () Time	5 sec
V	ОК	

Correction Link	📰 <u>Ø</u> 1 <sub>23</sub> 😮
Mode	
None	▼ Setup
Link Communicatio	n
GPS Port	
Baud Rate	▼ Parity ▼
Data Bits	▼ Flow ▼
Stop Bits	*
Message Type —	
	✓ Version ✓
Enable WAAS	
√	ок

7. Now you can press the **Connect** button on the Select GPS Profile screen. This will configure FieldGenius to start using the NEMA string to compute a GPS position.

