

4.1.3 Topcon Magnet Office Tools (version 2.6)

As shown below, Topcon has developed a procedure to define the RMTCRS zones in Magnet Office Tools Software. Projection input parameters for RMTCRS zones are provided in Table 3.1.1. Contact Todd Ferris at RDO Integrated Controls in Billings, Montana, (406) 794-8747 or TFerris@rdoic.com for support.

Projections are selected and defined in the Job Configuration option of the Job Menu. Create a custom projection by clicking the Custom button.

Click on the Add button to create a new custom projection.

Name	Region	Datum	Note
Wind River	Wind River Ind...	NAD83_NO_TR...	Transverse Me...

New Custom Projection : Projection

General

Name: Wind River

Projection Type: Transverse-Mercator

Name	Value
Central meridian	108°20'00.000000"
Scale	1.000240
Lat0	42°40'00.000000"
East0 (m)	100000.00
North0 (m)	0.00

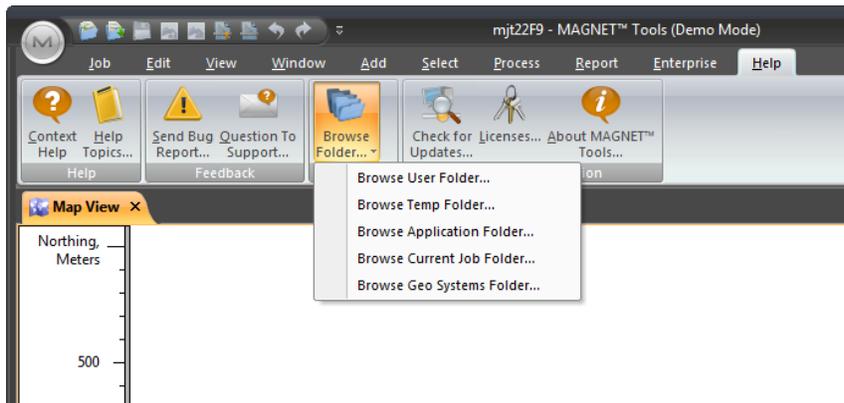
Region: Wind River Indian Reservation

Note: Transverse Mercator Projection
North American Datum 1983

Datum: NAD83_NO_TRANS

Buttons: OK, Cancel, Apply

Once the Custom Projection file(s) have been created, these files can be shared with additional users. To copy the Custom Projection file(s), select Browse Folder/Browse User Folder from the Help menu.



Navigate to the 'Geo' folder and find the file 'userprojections.xml'. This is the file that contains the parameters for the Custom Projection created above. You can then make a copy of this file to distribute to additional users.

