

ART 4.5.6.1 Provide Engineer Survey Support

Use mechanical or electronic systems to determine dimensional relationships—such as locations, horizontal distances, elevations, directions, and angles—on the earth’s surface. ART 4.5.6.1 includes airfield surveys and obstacle evaluation assessments within airfield operational surfaces. (FM 3-34.400) (USAES)

NO.	Scale	Measure
01	Yes/No	Unit completed survey by time specified in order.
02	Yes/No	Survey order detailed the priorities and accuracies required by the requesting unit.
03	Time	To plan survey operation to include traverse, triangulation, and three-point resection.
04	Time	To prepare for survey operation.
05	Time	To execute survey operation.
06	Time	To enter a new survey control point into the database.
07	Time	To update survey control point in the database.
08	Time	From requesting information to providing desired survey information to units.
09	Percent	Of accuracy of survey operation.
10	Percent	Of accuracy of survey control available.
11	Percent	Of positioning and azimuth determining systems operational.
12	Number	Of positioning and azimuth determining systems available.

Supporting Collective Tasks:

Task No.	Title	Proponent	Echelon
05-1-0700	Perform Combat Construction Route Survey	05 - Engineers (Collective)	Battalion
05-3-5708	Perform a Mission Survey	05 - Engineers (Collective)	Platoon

05-3-6006	Perform Geodetic Survey Operations	05 - Engineers (Collective)	Platoon
05-4-0712	Perform Construction Survey	05 - Engineers (Collective)	Section