

ART 1.6.2.2 Construct Forward Airfields and Landing Zones

Prepare and maintain landing zones and landing strips to support Army and joint aviation ground facility requirements. (FM 3-90.12) (USAES)

NO.	Scale	Measure
01	Yes/No	Unit completed forward airfield and landing zone construction and maintenance effort by time specified in order.
02	Time	To respond to an event (natural disaster or combat activity) that negatively impacts the capability of existing forward airfields and landing zones.
03	Time	That the preparation and execution of unit operations are delayed due to a natural disaster or combat activity that negatively impacts a unit's use of existing forward airfields and landing zones.
04	Time	To conduct an area reconnaissance of the current location of forward airfields and landing zones that have been negatively impacted due to an event or of proposed locations for forward airfields and landing zones.
05	Time	For the staff to format and disseminate information obtained by the area reconnaissance to subordinate units, higher headquarters, and laterally.
06	Time	To plan for the construction and repair of forward airfields and landing zones.
07	Time	To establish the conditions necessary for success of the construction and repair effort, such as establishing security, gaining permission from local authorities, and obtaining supplies—gravel, sand, airfield mats, and soil stabilization systems.
08	Time	To move mobility enhancing systems to the work site.
09	Time	To complete construction and repair of the forward airfield or landing zone.
10	Percent	Of reduction in forward airfield and landing zone capacity due to existing environmental conditions, such as snow, ice, and fog.
11	Percent	Of forward airfield and landing zone construction and repair completed.

12	Percent	Of mobility enhancing systems available to the tactical force commander that are committed to the task.
13	Percent	Of increase in capacity of unit forward airfields and landing zones due to completion of the construction and repair effort.
14	Percent	Of forward airfields and landing zones in the AO with approaches compatible with Army fixed-wing operational support aircraft.
15	Percent	Of forward airfields and landing zones in the AO with navigational aids allowing for landings in bad weather.
16	Distance	Between existing and proposed forward airfields and landing zones.
17	Number	Of mobility enhancing systems that are mission capable.
18	Number	And types of aircraft unable to use existing forward airfields and landing zones.
19	Number	And types of aircraft able to use forward airfields and landing zones after the construction and maintenance of those zones.
20	Number	And types of aircraft able to use forward airfields and landing zones simultaneously?maximum on ground?after the construction and repair of those zones.
21	Number	Of friendly and neutral casualties during the construction and repair of forward airfields and landing zones due to accidents and enemy actions.
22	Number	Of necessary and unnecessary environmentally harmful incidents, such as petroleum spills in watersheds and soil, spills into fish habitats.

Supporting Collective Tasks:

Task No.	Title	Proponent	Echelon
05-2-5142	Construct a Tactical Airstrip	05 - Engineers (Collective)	Company
05-3-1010	Construct an Expedient Landing Zone (LZ) for Helicopters	05 - Engineers (Collective)	Platoon