

Takeoff and Landing Zone (LZ). FAC: 1111

CATCODE: 116116

OPR: AFCEC/COS

OCR: AF/A30-A

1.1. **Description.** The Landing Zone (LZ) is used to train crews of cargo aircraft (C- 130 or C-17) to conduct airlift operations in the type of airfield environment found at forward operating locations or actual contingency operations. LZs can be prepared (paved) or semi-prepared (unpaved) surfaces consisting of soil, stabilized soil, or airfield matting. LZs are typically shorter and narrower than standard runways.

1.2. **Requirements Determination.** See Category Group 11, (Airfield Pavements), paragraph 1.1 Overview and Chapter 3 of UFC 3-260-02.

1.3. **Scope Determination.** See ETL 09-6.

1.4. **Dimensions.** See paragraph 8 of ETL 09-6.

1.5. **Design Considerations.** Lighting is provided as described under Special Airfield Lighting (CATCODE 136666). Technical design criteria are contained in UFC 3-260-02 and ETL 08-14, *Structural Evaluation Procedure for Stabilized Soil-Surfaced Airfields*, and Taxiway Lighting (CATCODE 136667). Additional guidance for lighting is given in AFI 32-1044 and paragraph 11 of ETL 09-6. See Chapter 7 of UFC 3-260-01 for geometric criteria and land use guidelines for areas near landing zones constructed for C-130 and C-17 aircraft.