

Appendix 1. SAFETY SPECIFICATION GUIDE

1. **General Safety Requirements:** During performance of this contract, the airport runways, taxiways, and aircraft parking aprons shall remain in use by aircraft to the maximum extent possible. Aircraft use of areas near the contractor's work will be controlled to minimize disturbance to the contractor's operation. The contractor shall not allow his/her employees, subcontractor, suppliers, or any person over whom he/she has control to enter or remain in any part of the airport which would be hazardous to persons or to aircraft operations. Whenever aircraft operations require, the (Contracting Officer, Engineer, etc.) may order the contractor to suspend operations, move plant, personnel, equipment, and materials to a safe location and stand by until aircraft use is completed.
2. **Obstacle Free Zone:** Construction activity within an Obstacle Free Zone will require closing part or all of the affected runway. See Figures 1 - 4.
3. **Approach Clearance to Runways:** Runway landing thresholds shall be located to provide an unobstructed approach surface with an approach ratio over equipment and material as shown on Figures 5 and 6.
4. **Runway and Taxiway Safety Areas:** Construction activity within a runway safety area will require closing part or all of the affected runway. Construction activity within taxiway safety areas/object free areas is permissible when the taxiway is open to aircraft traffic if:
 - a. Adequate wingtip/empennage clearance exists between the aircraft and equipment/materiel,
 - b. Excavations, trenches, or other conditions are conspicuously marked and lighted,
 - c. Notices to Airmen are in effect concerning the activity, usually "Personnel and equipment adjacent to Taxiway ___."

Safety Area dimensions are shown on Figures 7 and 8.

5. Threshold Marking and Lighting:

- a. Temporary threshold marking is (required, not required). Threshold marking will be furnished by the (airport owner, contractor, etc.).
- b. Temporary threshold lighting is (required, not required). Threshold lighting will be furnished and maintained by the (airport owner, contractor, etc.).

c. Temporary visual aids (VASI, PAPI, REIL, etc.) are (required, not required). The visual aid(s) will be furnished and maintained by the (airport owner, FAA, Contractor, etc.).

6. Closed Runway Marking/Hazard Marking:

a. Closed runway marking is (required, not required). Closed runway marking shall be (as shown on the plans, furnished by the owner, etc.).

b. Hazard marking and lighting shall be as required by the (airport owner, project superintendent, engineer, etc.), and shall be as (described in Section ___ of the specifications, as shown on the plans, etc.).

7. Vehicle Identification and Parking:

a. Contractor vehicles and equipment shall be identified by (describe marking and lighting).

b. Employee parking shall be (specific location, or as designated by the engineer, superintendent, airport manager, etc.).

8. Construction Site Access and Haul Roads: Access to the job site shall be via (specific route, as shown on the plans, designated by the engineer, superintendent, airport manager, etc.).

9. Radio Communications: Radio communications are (required between the contractor's representative and the Control Tower), (not required). (Specify communications requirements in as much detail as possible.)