Cold Fog Dispersal System FAC: 1467

CATCODE: 149629
OPR: AFWA/A5/A8, MAJCOM/A3W
OCR: MAJCOM/A6

1.1. **Description.** This facility consists of an array of liquid propane dispensing sites which are selectively activated by an operator. The release of liquid propane begins the physical process that results in cold fog dissipation to aid the launch or recovery of a specific aircraft.

1.1.1. **Fog Investigation and Dispersal Operation (FIDO)** (which was sometimes referred to as "Fog Intense Dispersal Operation" or "Fog, Intense Dispersal Of") was a system used for dispersing fog and pea soup fog (dense smog) from an airfield so that aircraft could land safely. The device was developed by Arthur Hartley for British RAF bomber stations, allowing the landing of aircraft returning from raids over Germany in poor visibility by burning fuel in rows on either side of the runway.

1.2. **Requirements Determination.** This section provides the basis for determining the functions of the facility and the major subcomponent spaces as they relate to the mission.

1.3. **Scope Determination.** The scope section contains the data required to make the initial determination about the overall size of the facility.

1.4. **Dimensions.** This section contains information about any specific dimensions required to be included. Often this section makes reference to a design guide.

1.5. **Design Considerations.** The intent of this section is to point out any key cost drivers for the facility that would impact the programmed amount for new construction or renovation. It is not intended as a repository for the contents of a design guide. You may need to contact the OPR for additional design guidance.