

ORDER

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

6960.1C

8 Aug 72

SUBJ: SANITARY SYSTEMS IN FAA FACILITIES

1. PURPOSE. This order establishes criteria for the authorization, selection, and installation of sanitary systems in new and existing airway facilities.
2. DISTRIBUTION. This directive is distributed to the branch level in the Airway Facilities Service, Systems Research and Development Service, Logistics Service, Air Traffic Service, and the Office of Aviation Medicine; to the division level in the Office of Budget and the Office of Management Systems; to the branch level in the regional Airway Facilities Divisions; to Directors all regions (except EU); to the division level at NAFEC and the Aeronautical Center; and to Airway Facilities Sectors.
3. CANCELLATION. Order 6960.1B, Sanitary Systems in FAA Facilities, dated 7/19/68 is canceled.
4. GUIDANCE. The agency provides facility environment conditions adequate to protect the health and well-being of operations and maintenance personnel. The following criteria will authorize and implement the installation of sanitary systems in agency facilities.
5. SANITARY SYSTEM AUTHORIZATION.
 - a. Sanitary systems are authorized when the facility is regularly occupied for 40 hours or more per week or the facility staffing allowance per Order 1380.9B, Airway Facilities Sector Level Maintenance Staffing Criteria and Standards, averages 40 hours or more per week, and if either of the following conditions exist:
 - (1) There is no available toilet facility within a reasonable walking distance.
 - (2) The operation is such that personnel may not leave their duty station for sufficient time to use a nearby facility.
 - b. Facilities not meeting the criteria of 5a above are authorized a sanitary system when items (1) and either (2) or (3) of the following conditions are clearly satisfied:
 - (1) There is no available toilet facility within ten minutes vehicle travel time of the FAA facility. Time lost because of delays due to travel restrictions is to be considered.

Distribution: WAF/AM/AT/LG/RD-3; WBU/MS-2; RAF-3
CN-2; MAF-2; FAF-2 (Minimum)

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- (2) Workload requirements are such that one or more persons will be at the facility continuously for eight or more hours per day on an average of once per week; or for an average total of 24 hours or more hours per week.
- (3) The facility is remotely located where the possibility of being "snowed-in" exists. This, in general, will normally apply to areas where deep snow prevails throughout most of the winter months or unusual weather conditions prevail.

6. SANITARY SYSTEM SELECTION.

- a. The sanitary system selected and installed must comply with the applicable state zoning and health regulations.
- b. Types of sanitary systems approved:
 - (1) Conventional flush-type water closet with connections to a water supply or water storage tank and sewage disposal system.
 - (2) Low cost, secondary type toilet system. The recommended system is in accordance with Specification FAA-C-2153, Sanitary System-Gas Incinerator Type. Other incinerator systems, as well as chemical and biological (aerobic) systems, may be selected upon consideration of installation and maintenance cost, zoning and health restrictions, user acceptance, personnel acceptance or repair and cleaning requirements, and esthetics. The biological (aerobic) system must comply to Standard No. 40, Individual Aerobic Wastewater Treatment Plants, National Sanitation Foundation, Ann Arbor, Michigan. The toilet system shall be installed within the building if feasible. All systems outside the building will be approved by the Airway Facilities Service on a site-by-site basis. The installation of pit privies will be prohibited. This is based upon the determination of the Office of Aviation Medicine that this type installation is "unsanitary, unhygienic, and provides a vector for many types of diseases affecting both humans and animals.
- c. Qualifying criteria:
 - (1) Airport traffic control towers, air route traffic control centers, flight service stations and other facilities authorized by paragraph 5a, except VORTAC and RCAG facilities, shall normally be equipped with a conventional water closet and wash basin sanitary system.
 - (2) VORTAC and RCAG facilities may be equipped with conventional water systems only when designated as subsector headquarters staffed with three or more persons and the cost of a conventional water system is not excessive as determined by regional AF

division chief. VORTAC and RCAG facilities not designated as subsector headquarters as described above may be equipped with conventional water systems if the total cost does not exceed \$3,000. This cost includes equipment water and sewer service connections or well and septic tank installation, inspection, engineering, etc.

- (3) Other facilities meeting the requirements in paragraph 5 may be equipped with conventional water systems, but are subject to cost limitation of \$3,000 described in (2) above.
- (4) A secondary type toilet system shall be installed at facilities other than those specified in 6c(1) through (3). Packaged premoistened paper towels shall be provided at this toilet for handwashing if a suitable water supply is not available.

7. SANITARY SYSTEM IMPLEMENTATION.

- a. Existing facilities not having sanitary systems shall be so equipped by inclusion in the Operations Budget as Special Maintenance Projects. Existing facilities having nonapproved types of systems may be re-fitted by inclusion in the Operations Budget as Special Maintenance Projects.
- b. In accordance with Order 2500.8, Operations vs. F&E Funding, the funding for sanitary systems in facilities included in current establishment projects should be arranged through F&E sources. Funding should only be arranged through Operations sources in the event it is not practical to install the sanitary system as part of the original establishment project and it must be backfitted through a Special Maintenance Project.
- c. Future establishment projects shall be reviewed by the regions and budget estimates revised to include sanitary systems as necessary.



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