

ORDER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
WESTERN-PACIFIC REGION

WP AT 3120.1B

3/13/92

SUBJ: BRITE QUALIFICATION TRAINING

1. PURPOSE. This Order outlines training requirements for certification on Brite Radar Indicator Tower Equipment (BRITE) and Digital Brite Radar Indicator Tower Equipment (D-BRITE).

2. DISTRIBUTION. This Order is distributed to the Branch level and above in the Air Traffic Division and all Airport Traffic Control Towers in the Western-Pacific Region.

3. CANCELLATION. Order WP AT 3120.1A, dated August 19, 1985, is cancelled.

4. BACKGROUND. BRITE/D-BRITE has been used in the past for various functions ranging from supplementing the eyes of controllers to expanding services of a limited approach control facility. Improvements to the air traffic control system are being developed which include the increased use of radar in the tower environment; therefore, it is necessary to standardize the training of specialists who use BRITE/D-BRITE.

5. REFERENCE. Fundamentals of Primary and Secondary Surveillance Radar (ETM-12-0-1), Instructional Program Guide (TP-12-0-1C), BRITE Qualification (T-9-10) Radar Qualification, and 7110.65, Chapter 5.

6. ACTION. BRITE/D-BRITE radar qualification training shall be administered as outlined below.

a. Personnel without previous BRITE/D-BRITE certification shall:

- (1) Complete Course #55029, Phase IX, BRITE/D-BRITE Qualification.
- (2) Demonstrate proficiency in the use of BRITE/D-BRITE.
- (3) Successfully complete a locally developed examination.

(4) Successfully complete BRITE/D-BRITE Qualification Examination administered from the Academy prior to certification on local control.

b. Personnel without previous BRITE/D-BRITE certification in facilities which use BRITE radar for IFR separation in addition to paragraph 6a above shall:

- (1) Complete Course #55031, Phase XI, Radar Qualification.

(2) Successfully complete radar certification examination administered from the Academy prior to certification on local control.

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c. Personnel with previous BRITE/D-BRITE certification shall:

- (1) Demonstrate proficiency in use of the BRITE/D-BRITE.
- (2) Complete a locally developed examination.

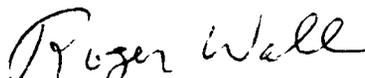
7. TRAINING OUTLINE.

a. Basic BRITE/D-BRITE training up to 40 hours (additional 20 hours if equipped with ARTS/BANS) shall include the following:

- (1) BRITE/D-BRITE Qualification (T-9-10).
- (2) BRITE/D-BRITE Indicator Tower Equipment (TM-14-2).
- (3) Radar Qualification (specified only for limited radar approach control facilities).
- (4) Fundamentals of Primary and Secondary Surveillance Radar (ETM-12-0-1).
- (5) Radar Procedures (7110.65).
- (6) ARTS/BANS.

b. Local BRITE/D-BRITE training up to 20 hours as a minimum shall include the following:

- (1) Knowledge of area coverage.
- (2) Minimum safe altitudes.
- (3) Operation of local equipment.
- (4) Draw and label video map.
- (5) Demonstrate proficiency.

for 
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