

GOVERNMENT/INDUSTRY AERONAUTICAL CHARTING FORUM 04-01

April 28-April 29, 2004

Recommendation Document

Subject: Use of Lead-In Light Systems (LDIN)

Background/Discussion: LDIN consists of a series or group of 3 flashing lights in a linear or cluster configuration and may be augmented by steady-burning lights. These lights are installed along the approach path at or near ground level where special problems exist such as hazardous terrain, obstructions, or noise abatement procedures. LDIN are terminated at any approved approach lighting system or at a distance from the threshold compatible with authorized visibility minimums permitting visual reference to the runway environment. An operator requested standard CAT I minima for the installation of LDIN. Order 6850.2A, Visual Guidance Lighting Systems and Order 8260.3, TERPS, denote LDIN as a VFR lighting system and not approved for use with precision or non-precision approaches. LDIN would not qualify for lighting credit under 14 CFR Part 91.175(c)(3)(i) and 121.65 1(c)(3)(i).

Recommendations: Revise NACO chart legend, section L1:

- 1) revise header information (indicate that approved approach lighting systems are denoted by an "A", etc)
 - 2) add LDIN configuration (with a "V" symbol)
 - 3) change ODALS and "P" symbols to a "V" symbol
- Also, revise the AIM, chapter 2, section 1, to add all approved approach lighting systems and the above guidance.

Submitted by: Dick Temple

Organization: FAAIAFS

Phone: 202-385-461 1

FAX:

E-mail: dick.temple@faa.gov

Date: 04/20/2004

04-01 MEETING: This issue was deferred to the next ACF.

04-02 MEETING: Mr. Dick Temple, AFS-410, submitted this issue. Mr. Temple was unable to attend the ACF. Mr. Dick Powell, Aeronautical Information Services, provided the following briefing. LDIN consists of a series or group of 3 flashing lights in a linear or cluster configuration and may be augmented by steady-burning lights. These lights are installed along the approach path at or near ground level where special problems exist such as hazardous terrain, obstructions, or for noise abatement procedures. LDIN are terminated at the approved approach lighting system or at a distance from the threshold compatible with authorized visibility minimums permitting visual reference to the runway environment. Order 6850.2A, Visual Guidance Lighting Systems and Order 8260.3, TERPS, refer to LDIN as a VFR lighting system and not approved for use with precision or non-precision approaches. LDIN would not qualify

for lighting credit under 14 CFR Part 91.175 and 121.651. Currently Jeppesen charts LDIN as a series of open circles at their approximate ground location while NACO charts LDIN as an open circle. Examples of Jeppesen (see attachment 7) and NACO (see attachment 8) LDIN depictions have been attached to these minutes. Mr. Mark Steinbicker, AFS-410, recommended that standardized symbology be created for LDIN and that NACO add LDIN symbology to the TPP Legend. Mr. Eric Secretan, NACO, non-concurred with this recommendation stating that NACO explains the LDIN symbology on the procedure. ACF consensus was to close the issue. **CLOSED**
