Overview

Heliport Evaluation

United States Perspective

Presented at: ICAO Heliport Seminar
Dubai, U.A.E.
December 8 – 10, 2015

By: Khalil Kodsi, P.E. PMP
Senior Airport Engineer, AAS-100
Heliport Evaluation

• The U.S. do not have a program to support Certification of Heliports

• **Evaluate Operational Safety** – Some AC 150/5390-2 Heliport Design criteria, although not regulatory, provide reasonable standard to help an inspector determine if a helicopter operations can be conducted safety at a proposed location.

• **Airspace Analysis Policy** - Flight Standards conduct an onsite evaluation of new or existing heliports when the proponent notify the FAA per part 157.

• **Notification of Construction or Alteration** – Code of Federal Regulations (14CFR) part 157 require a heliport proponent to notify FAA of construction, alteration, or deactivation of almost all permanent heliports.
Heliport Determination Process
Helipad Minimum Dimensions -
Job Aid to Inspectors

A/B. Minimum TLOF Dimensions – This is the Greater of: (1 x rotor diameter (RD)) or (1x overall Length (D) at elevated heliports where the FATO is Not load bearing) or (40 feet at hospital heliport).

C/E. Minimum FATO Dimensions – This is the greater of: (1.5 x overall length (D)) OR (TLOF dimensions + the minimum separation between the TLOF and FATO perimeters (F below)).

F. Minimum Separation between the TLOF and FATO Perimeters = (¾ x D) – (½ x RD).

G. Minimum Separation between the FATO and Safety Area Perimeters. Based on the type of heliport and the heliport markings – refer to AC 150/5390-2 Tables 2-1, 3-1, or 4-1 as applicable.
Thank you!

Questions!