

# IFR Flight Standards Update

Presented to: 2018 Infrastructure Summit

By: Mike Webb

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Federal Aviation  
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# Agenda

- **Status on projects**
- **FAA Helicopter Summit**
- **User Helicopter Needs**
- **Specific Actions**



# Status on Projects

- **Criteria for RNP-0.3 routes in FAA Order 8260.58A**
  - Working in Aeronautical Charting Forum on route naming and charting
- **Helicopter PBN instrument criteria**
  - RNP instrument criteria moving to FAA Order 8260.58A, United States Standard for Performance Based Navigation (PBN) Instrument Procedure Design
  - Working in Aeronautical Charting Forum on approach/departure/enroute charting
- **Visual segment criteria**
  - Moving to FAA Order 8260.3D, United States Standard for Terminal Instrument Procedures (TERPS)
  - Working in Aeronautical Charting Forum on visual segment charting



# FAA Helicopter Summit

- **FAA management wants to know what is being done for helicopters in the future**
- **FAA convened an internal FAA Stakeholder meeting to start a process to identify what is being done and what needs to be done**
- **Attendees**
  - Flight Standards
  - Aeronautical Information Services
  - Airports
  - National Flight Data Center
  - Helicopter Aircraft Certification



# First Step - Identify where the Helicopter Industry would like to go

- To identify the current state of IFR Helicopter operations (focused on helicopter IFR procedures; approaches, departures, terminal routes and enroute phases) and procedure development, language in regulations and processes (OPSPECS, AIM, IPH))
- Develop and recommend future direction and identify necessary actions to get to that future state.



# Helicopter Needs

- **2016 PERFORMANCE BASED NAVIGATION PBN NAS NAVIGATION STRATEGY**
  - Incorporating IFR helicopter operations into the low altitude PBN procedure infrastructure;
  - HELICOPTER OPERATIONS Heliports and helicopter operations fill important roles in the United States. As the NAS transitions to PBN, it will become increasingly important to consider the integration of helicopter operations. The focus area will be de-conflicting low altitude airspace shared among multiple aircraft types through the publication of helicopter IFR routing and PBN approaches to heliports. While this strategy document does not extensively discuss heliports and helicopters, the FAA continues to develop the PBN strategy in this area, with details to be included in subsequent versions of the document.



# Helicopter Needs are diverse

## Helicopter Users

\* Primary IFR Users

Off Shore\*

Helicopter Air Ambulance\*

Military\*

Executive\*

Tourism

Law Enforcement\*

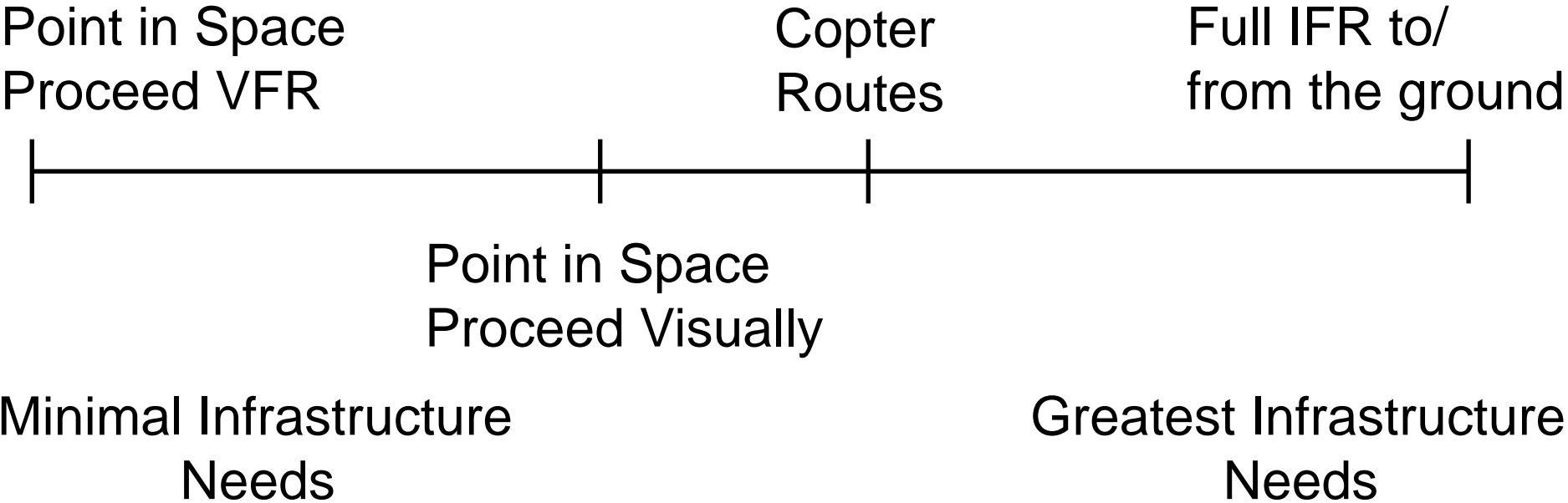


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# US Helicopter Needs

## Level of Service Spectrum

•Spectrum of IFR Operations



Differing Infrastructure Needs





# Specific Actions

- **What is the desired IFR helicopter operations end state?**
- **Where is the FAA currently on support for new infrastructure?**
- **What should the FAA be doing?**
- **What is needed for the FAA to support moving the helicopter industry to end state?**
  - Example: Heliport Surveys
    - For Visual Segment for approaches and departures
    - For approaches and departures to heliport



# Contact

- **FAA AFS-420, Flight Procedures Standards Branch**
  - Mike Webb, 202-267-8942, [mike.webb@faa.gov](mailto:mike.webb@faa.gov)
- **FAA AFS-470, Performance Based Flight Systems Branch**
  - Nolan Crawford, 678-633-9637, [james.n.Crawford@faa.gov](mailto:james.n.Crawford@faa.gov)

