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# ***Internet Protocol Suite (IPS) for Aeronautical Safety Services Technical Requirements***

## ***ARINC Project Paper 858***

### ***Meeting Intro Slides***

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 **BOEING**

January 19-21, 2021 (as updated Jan 21, 2021)

# Topics Covered in this AEEC Briefing

- **Welcome and Introductions**
- **Document Summary**
- **Agenda Summary**
- **Schedule for this Week - January 19-21, 2021**
- **APIM 15-004B and Supplement 1 to ARINC 858: ATN/IPS Technical Requirements**
- **Membership and Corporate Sponsorship**
- **ARINC Intellectual Property (IP) Policies**

# ARINC Project Paper 858 - IPS Technical Requirements

## Industry Editor - Mike Olive - Honeywell

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### ARINC Project Paper 858 - IPS Technical Requirements

1.0 Introduction

2.0 Overall IPS System Architecture

3.0 Airborne IPS System Architecture

4.0 Airborne IPS System Security

5.0 Airborne IPS System Implementation Options

6.0 Airborne Application Data Considerations

Attachment 1 List Of Acronyms

Attachment 2 Glossary

Attachment 3 ACARS to IPS Dialogue Service Convergence Function

~~Attachment 4 Air-Ground IPS Management Application Protocol and Messages~~  
(transferred content to ICAO)

Attachment 4 IPS Gateway Air-Ground Interoperability Considerations  
(formerly Appendix C)

Attachment 5 IPS Security Event Log Format

Appendix A ATNPKT Message Format Examples

Appendix B IPS Protocol Build-up

# AGENDA SUMMARY

## IPS Subcommittee

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### AGENDA

1. Welcome and Introductions
2. Review and Approval of the Agenda
3. Open Action Items and Status
4. **ARINC Project Paper 858: Internet Protocol Suite (IPS) for Aeronautical Safety**
  - ▶ New material and disposition of comments since last meeting
  - ▶ Discuss remaining comments and propose plan to address
5. Identify specific topics ARINC Project Paper 858 Supplement 1
6. APIM 15-004B - Supp 1 to ARINC 858 and Supp 1 to ARINC 658
7. Schedule and Next meetings
  - ▶ February 3 - Release Draft 3 of ARINC Project Paper 858
  - ▶ February 23 (0800, 1100, 1700, duration 90 minutes)
  - ▶ February 26 - All comments to Mike Olive
  - ▶ March 9 - Release Draft 3.1
  - ▶ Meeting - March 16-18, 2021
8. Adjourn

# Meeting Schedule

## January 19-21

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<b>Meeting Times</b>	<b>US Pacific</b>	<b>US Eastern</b>	<b>Central Europe</b>
<b>Start</b>	0700	1000	1600
<b>Break</b>	0900	1200	1800
<b>Re-Convvene</b>	1000	1300	1900
<b>Adjourn</b>	1200	1500	2100

# ***APIM 15-004***

## ***Internet Protocol Suite (IPS) for Aeronautical Safety Services***

***Initiated: September 23, 2015***

***RevA: October 19, 2017 - Expected to be closed May 11, 2021***

***RevB: May 11, 2021 - Expected to be closed October 2022***

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- ▶ The policies are available at: [www.aviation-ia.com](http://www.aviation-ia.com)



## Backup Slides



**MEETING BREAK**

**reconvene time**

**1000 | 1300 | 1900**

## Point of contact ...

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# Thank You