

Elevating Your Operation

Tuesday October 10, 2017 at 10:30AM

Domestic Operations Committee: Lee Blake, Jim Lara, Jason Herman, Matt Grunenwald, and David Keys



Domestic Operations Committee

Subcommittees

- Small Flight Departments
- Part 135
- Corporate Shuttle / Part 125

Panel



Lee Blake

Jim Lara

Jason Herman

Matt Grunenwald

David Keys

Topics

- Communicating with the principal (Jim Lara)
- Compliance (Jason Herman)
- Budgeting (Matt Grunenwald)
- Mentoring (David Keys)

Roundtable Discussions

- Part 91 and Small Flight Department Issues
- Part 135 Issues
- Corporate Shuttle and Part 125 Issues

How to Talk to Your Boss

Oct. 10 – 10:30 a.m to noon

Presented by: Jim Lara

Principal, Gray Stone Advisors



GRAB ATTENTION



Be impactful



Create bumper sticker messages



Briefly recap the objective



Start with the solution



NEGOTIATION 101

Budget



Focus on the bottom line



Define your OpEx assumptions



Identify fixed vs. variable costs

NEGOTIATION 201

Headcount



Quantify historic travel



Clarify training, development and HR policies



Compare net labor supply to anticipated travel demand



**Consider the scheduling match
between labor supply and
demand**



Questions?

Elevating Your Operation: Regulatory Compliance

Tuesday, October 10, 2017

NBAA Domestic Operations Committee

Presented by: Jason E. Herman, CAM

Chairman, NBAA Part 135 Subcommittee



Keeping Up With Regulatory Changes

How to Stay Informed

- Today's regulatory environment is constantly changing, both through proposed (NPRM) and final rulemaking as well as "non-regulatory" FAA guidance via Advisory Circulars, InFOs, SAFOs, and FSIMS (FAA Order 8900.1)
- It is much easier to stay on top of compliance if you know what is coming down the pike
- Ultimately, the operator is responsible for ensuring compliance with the applicable operating regulations, not the Principal Operations Inspector (POI)
- Timely receipt of FAA guidance material and advanced notice of changing rules will help your operation plan more effectively and efficiently for the future
- Proposed rules and guidance changes are often visible (although not always easy to find) well in advance of their publishing

Did You Know?

Subscribing to FAA Notices

- Did you know you can subscribe to the following updates via email with the FAA?
 - Aeronautical Charting Forum Updates
 - AFS Draft Advisory Circulars Open For Comment (NBAA DOC often reviews and comments)
 - New and Revised Final Advisory Circulars (ACs)
 - Series 8000 Orders & Notices
 - AFS Regulations and Policy Clarification
 - Flight Standards Service (AFS) Draft Documents Open for Comment
 - New Flight Standardization Board (FSB) Reports
 - Information for Operators (InFOs)
 - Safety Alerts for Operators (SAFOs)
 - Recently Published Rulemaking Documents
 - Much more

← → ↻ Secure <https://www.faa.gov/contact/subscribe/> ☆

United States Department of Transportation About DOT Our Activities Areas of Focus



**Federal Aviation
Administration**

[FAA Home](#)
[Jobs](#)
[News](#)
[About FAA](#)
[A-Z Index](#)
[FAA for You ...](#)

[Aircraft](#)
[Airports](#)
[Air Traffic](#)
[Data & Research](#)
[Licenses & Certificates](#)
[Regulations & Policies](#)
[Training & Testing](#)



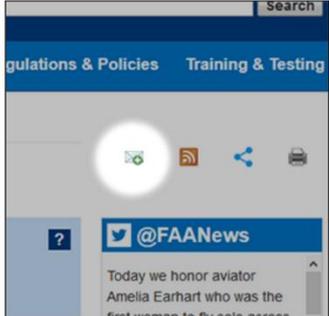

Subscribe to FAA Pages

What is it?

FAA has a service that lets you subscribe to page updates. Each time we update the page, we'll send you an email to let you know.

Which pages can I subscribe to?

You can subscribe to any page that has a "Subscribe" icon on it, as shown in the example image.



Simply click on the link and enter the requested information.

Some of the FAA pages you can subscribe to include: [Press Releases](#), [Recent](#)



**Federal Aviation
Administration**

Quick Subscribe for j.e.herman@gmail.com

U.S. Federal Aviation Administration offers updates on the topics below. Subscribe by checking the boxes; unsubscribe by unchecking the boxes.

Access your [subscriber preferences](#) to update your subscriptions or modify your password or email address without adding subscriptions.

- Latest FAA News
- Air Traffic
- Airports
- Conferences & Events
- Document Library
- Flight Standards
 - AFS Draft Advisory Circulars (AC) Open for Comment
 - AFS-420 Current Regulations
 - AFS-420 Policy Clarification
 - AFS-460 ACs, Notices, & Orders
 - Category I/II/III ILS information
 - FAA Safety Briefing
 - Flight Standards Service (AFS) Draft Documents Open for Comment
 - National Simulator Program (NSP)
 - Aircraft Ground Deicing

FAA Orders & Notices Update Notification — Gmail

Federal Aviation Administration Inbox - Gmail August 22, 2017 at 6:27 AM
 FAA Orders & Notices Update Notification
 To: Jason Herman,
 Reply-To: usafaa@public.govdelivery.com

Federal Aviation Administration

Orders & Notices Update Notification

You are subscribed to the FAA Orders & Notices update notification service. The following order/notice has recently been added/updated.

- 8900.432 - [Regulatory Requirement to Provide Enough Flight Instructors and Check Pilots/Check Flight Engineers](#)

STAY CONNECTED:

SUBSCRIBER SERVICES
[Manage Preferences](#) | [Unsubscribe](#) | [Help](#)

This email was sent to j.e.herman@gmail.com using GovDelivery Communications Cloud on behalf of: U.S. Federal Aviation Administration · 800 Independence Avenue, SW · Washington, DC 20591 · 1-866-TELL-FAA (1-866-835-5322)

U.S. Federal Aviation Administration AFS Draft Advisory Circulars (AC) Open for Comment Update — Gmail

Federal Aviation Administration Inbox - Gmail August 7, 2017 at 8:16 AM
 U.S. Federal Aviation Administration AFS Draft Advisory Circulars (AC) Open for Comment Update
 To: Jason Herman,
 Reply-To: usafaa@public.govdelivery.com



Federal Aviation Administration

You are subscribed to AFS Draft Advisory Circulars (AC) Open for Comment for U.S. Federal Aviation Administration. **AC 91-85B, Authorization of Aircraft and Operators for Flight in Reduced Vertical Separation Minimum (RVSM) Airspace** has been added, and is now available at http://www.faa.gov/aircraft/draft_docs/afs_ac.

Please do not reply to this message. See our [Contact FAA](#) page for contact information.

STAY CONNECTED:








SUBSCRIBER SERVICES
[Manage Preferences](#) | [Unsubscribe](#) | [Help](#)



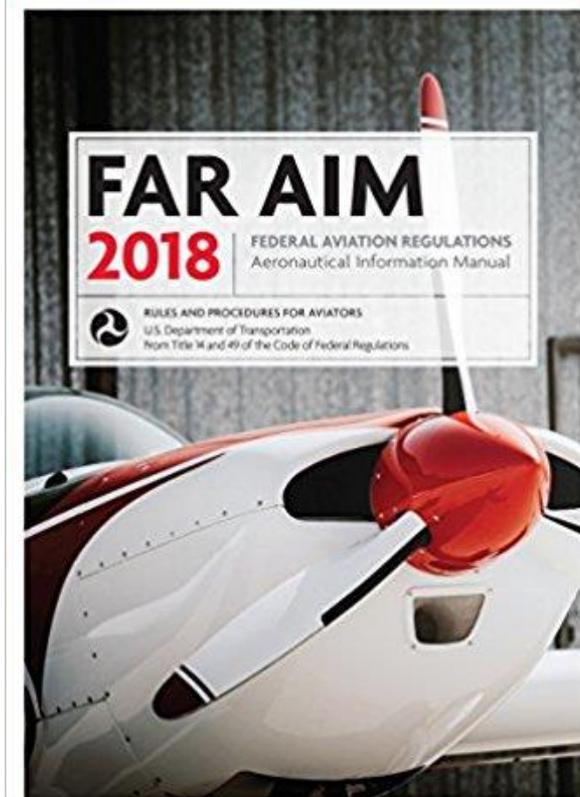
FAR AIM

2018

FEDERAL AVIATION REGULATIONS
Aeronautical Information Manual



RULES AND PROCEDURES FOR AVIATORS
U.S. Department of Transportation
From Title 14 and 49 of the Code of Federal Regulations



FDsys:
GPO's Federal Digital System
[About FDsys](#)
[Search Government Publications](#)
[Browse Government Publications](#)

e-CFR Navigation Aids

[Browse / Search Previous](#)

- [Browse](#)
- [Simple Search](#)
- [Advanced Search](#)
 - * [Boolean](#)
 - * [Proximity](#)
- [Search History](#)
- [Search Tips](#)
- [Corrections](#)
- [Latest Updates](#)
- [User Info](#)
- [FAQs](#)
- [Agency List](#)
- [Incorporation By Reference](#)

Related Resources

The Code of Federal Regulations (CFR) annual edition is the codification of the general and permanent rules published in the Federal Register by the

ELECTRONIC CODE OF FEDERAL REGULATIONS

Electronic Code of Federal Regulations
e-CFR™

View past updates to the e-CFR.
[Click here to learn more.](#)

e-CFR data is current as of August 25, 2017

| Title | Volume | Chapter | Browse Parts | Regulatory Entity |
|--------------------------------------|--------|---------|---------------------------|--|
| Title 14 Aeronautics and Space | 1 | I | 1-59 | FEDERAL AVIATION ADMINISTRATION, DEPARTMENT OF TRANSPORTATION |
| | 2 | | 60-109 | |
| | 3 | | 110-199 | |
| | 4 | II | 200-399 | OFFICE OF THE SECRETARY, DEPARTMENT OF TRANSPORTATION (AVIATION PROCEEDINGS) |
| | | III | 400-1199 | COMMERCIAL SPACE TRANSPORTATION, FEDERAL AVIATION ADMINISTRATION, DEPARTMENT OF TRANSPORTATION |
| | 5 | V | 1200-1299 | NATIONAL AERONAUTICS AND SPACE ADMINISTRATION |
| | | VI | 1300-1399 | AIR TRANSPORTATION SYSTEM STABILIZATION |

[Need assistance?](#)

FSIMS

- [8900.1 Contents](#)
- [Areas of Interest](#)
- [Library Subjects](#)
- [Index](#)
- [Publications](#)
- [Regulatory Guidance Library](#)
- [Electronic Code of Federal Regulations](#)
- [Related Info](#)
- [Help & Training](#)

Flight Standards Information Management System

Quick Search:

Go

Advanced

8900.1 Contents:

Document Title

- [-] Change History
- [-] Volume 1. General Inspector Guidance and Information
- [-] Volume 2. Air Operator and Air Agency Certification and Application Process
- [-] Volume 3. General Technical Administration
 - [-] Chapter 1. The General Process for Approval or Acceptance of Air Operator Applications
 - [-] Chapter 2. Exemptions, Deviations, Waivers, and Authorizations
 - [-] Chapter 3. Issue or Renew a Certificate of Waiver--14 CFR Section 91.311 (Banner Towing)
 - [-] Chapter 4. Issue a Certificate of Waiver for Restricted Category Civil Aircraft
 - [-] Chapter 5. Issue a Certificate of Waiver or Authorization for an Aerobatic Practice Area or an Aerobatic Contest Box
 - [-] Chapter 6. Issue a Certificate of Waiver or Authorization for an Aviation Event
 - [-] Chapter 7. Issue a Certificate of Waiver or Authorization: § 91.119(b) and/or (c) (Minimum Safe Altitudes)
 - [-] Chapter 8. Issue a Certificate of Waiver for Motion Picture and Television Filming
 - [-] Chapter 9. Reserved
 - [-] Chapter 10. Operational Emphasis Items
 - [-] Chapter 11. Use of Airplanes Issued Experimental/Exhibition Airworthiness Certificates in Flight Instruction for Compensation or Hire
 - [-] Chapter 12. Introduction to 14 CFR Part 91 Related Tasks
 - [-] Chapter 13. Lease and Interchange Agreements
 - [-] Chapter 14. Public Aircraft
 - [-] Chapter 15. Reserved
 - [-] Chapter 16. Prorated Time Authorizations
 - [-] Chapter 17. Evaluate Foreign-Registered Aircraft Operated by 14 CFR Part 121 or 135 Certificate Holders
 - [-] Chapter 18. Operations Specifications
 - [Section 1. Operations Specifications – Background Information](#)
 - [Section 2. Automated Operations Safety System](#)
 - [Section 3. Part A Operations Specifications—General](#)
 - [Section 4. Part B Operations Specifications—En Route Authorizations and Limitations](#)
 - [Section 5. Part C Operations Specifications—Airplane Terminal Instrument Procedures and Airport Authorizations and Limitations](#)



FSIMS

Flight Standards Information Management System

Quick Search: [Advanced](#)

- [8900.1 Contents](#)
- [Areas of Interest](#)
- [Library Subjects](#)
- [Index](#)
- [Publications](#)
- [Regulatory Guidance Library](#)
- [Electronic Code of Federal Regulations](#)
- [Related Info](#)
- [Help & Training](#)

Search Results

77 active document matches for **cpdlc**

Display: **All Types**

| Document Title | Document # |
|---|---------------------------|
| Part 129 Part A Operations Specifications | 8900.1,Vol.12,Ch2,Sec3 |
| High Frequency (HF) Communications | PL-106 |
| OSWG April 2003 Agenda | OSWG 2003-02 Agneda |
| Development and Implementation of NextGen Technologies | AT JTA 5.1 (AWO) |
| Gulfstream G-IV -- Date 08/25/2016 | FSB G-IV (G-1159C) |
| Safety Assurance System: Acronyms and Abbreviations | 8900.1,Vol.1,Ch1,Sec3_SAS |
| Airbus Helicopters Deutschland GmbH -- Date 05/15/2015 | FSB MBB-BK117D2 |
| AgustaWestland S.p.A -- Date 01/23/2015 | FSB AW-189 |
| Airbus Helicopter AS332L1E, AS332C1E Flight Standardization Board Report -- Date 06/20/2014 | FSB AS332 |
| Bombardier CL-600-2E25 (CRJ-1000) -- Date 11/08/2011 | FSB CRJ-1000 |
| Sikorsky S-76D -- Date 11/13/2013 | FSB S-76D |
| Boeing B-747-100, -200, SP, -300, -400, -400LCF and -8 -- Date 02/26/2014 | FSB B-747-8 |
| GVI (G650) GVI (G650ER), Rev. 2 Date -- 07/12/2016 | M GVI R2 |
| G-280, Rev. 2 Date -- 01/15/2016 | M G-280 R2 |
| Sikorsky S-92A -- Date 07/22/2015 | FSB S-92A |
| Cessna 560XL (XL, XLS, XLS+) Flight Standardization Board Report -- Date 06/19/2015 | FSB CE-560XL |
| Cessna Aircraft Company 525, 525A, 525B, 525C -- Date 12/01/2014 | FSB CE-525 |
| Issue a Letter of Authorization | 8900.1,Vol.4,Ch12,Sec1 |
| Learjet LR-45 -- Date 05/30/2014 | FSB LR-45 R1 |
| Airbus A318/319/320/321/330/340 -- Date 06/10/2016 | FSB A320 R5 |
| BD-700-1A10/BD-700-1A11, Rev. 14 Date -- 10/30/2015 | M BD-700-1A10 R14 |
| DA-2000 and DA-2000EX -- Date 09/20/2012 | FSB DA-2000 |
| DA-50/50EX and DA-900/900EX Rev 2 -- Date 10/05/2012 | FSB DA-50_DA-900 |
| OSWG October 2003 Notes | OSWG 2003-04 Notes |
| Airbus 350 -- Date 08/26/2015 | FSB A350 Rev 0 |

Google

FAA guidance on datalink



Google Search

I'm Feeling Lucky

FSIMS Flight Standards Information Management System

Quick Search:

Search Results

0 active document matches for **"cpdcl" datalink a056**

Display: **All Types**

- 8900.1 Contents
- Areas of Interest
- Library Subjects
- Index
- Publications
- Regulatory Guidance Library
- Electronic Code of Federal Regulations
- Related Info
- Help & Training

September 6, 2017

U.S. Department of Transportation
Federal Aviation Administration
800 Independence Avenue, SW
Washington, DC 20591
1-866-TELL-FAA (1-866-835-5322)

Readers & Viewers

Web Policies
Web Policies & Notices
Privacy Policy

Government Sites

DOT.gov
USA.gov
Plainlanguage.gov
Recovery.gov
Regulations.gov
Data.gov

Contact Us
FSIMS Librarian

Google

All News Shopping Maps Images More Settings Tools

About 126 results (0.46 seconds)

Appendix F. Sample LOA A056, Data Link ... - FSIMS - FAA
fsims.faa.gov/wdocs/notices/n8900_297.htm ▾
 May 7, 2015 - OpSpec/MSpec/LOA A056, Data Link Communications ... Operators can find this notice on the FAA's Web site at <http://fsims.faa.gov> ... Data Link Communication (CPDLC)/Automatic Dependent Surveillance-Contract (ADS-C) ...

N 8900.297 OpSpec/MSpec/LOA A056, Data Link ... - FAA
https://www.faa.gov/documentlibrary/media/notice/n_8900.297.pdf
Related articles
 May 7, 2015 - <http://fsims.faa.gov>. Operators can find this notice on the FAA's Web site at ... Part 91 operators do not require authorization to operate CPDLC-DCL ... Appendix A. Sample OpSpec A056, Data Link Communications: 14 ...

FSIMS Document Viewer - Federal Aviation Administration
fsims.faa.gov/PICDetail.aspx?docid=8900.1,Vol.3,Ch18,Sec3 ▾
 Aug 4, 2017 - 3) Government and industry have agreed on the importance of ... and taking advantage of email and postings at FAA public Web sites. This issuance of paragraph A056 grants approval to use data link communications in operations. ... Controller Pilot Data Link Communications (CPDLC) application ...

[PPT] CPDLC-DCL - FSIMS - FAA
fsims.faa.gov/Wdocs/OSWG/Data%20Link%20Communications.ppt ▾
 Mark Patterson, FAA, AFS-470. 18 March 2015 ... AC 120-70C; 8900.A056 Notice and A056 templates; Upcoming work. 2 ... Started in 2012 @ KMEM; Two locations: ... CPDLC – Controller Pilot Data Link Communication. Federal Aviation.

Part A Operations Specifications—General

OPSPEC/MSPEC/LOA A056—DATA LINK COMMUNICATIONS.

NOTE: NextGen Tracking. Applications for approvals for this paragraph must be entered in the Regional NextGen Tracker as indicated in the General Procedures Section ([Volume 3, Chapter 1, Section 1](#)).

A. General. Template A056 contains specific operational limitations and provisions for granting authorization to operators of aircraft under part [91](#), [121](#), [125](#), [135](#), or [91](#) subpart K to conduct data link communications using aircraft systems that are certificated for air–ground air traffic services (ATS).

1) Parts [91](#), [121](#), [125](#), and [135](#) operators, and part [91K](#) program managers conducting flight operations in oceanic and remote airspace may use data link communications systems (i.e., Future Air Navigation System (FANS) (FANS-1/A or equivalent)). Operations using data link communications within domestic airspace require very-high frequency (VHF) radios called very-high frequency digital link Mode 2 (VDL-2), compatible with ATS.

2) Data link may be used as a supplement to voice communications with ATS. Voice communications must be continually monitored because aircraft still must be equipped with operating VHF voice and, when required, high frequency (HF) voice radios along the entire flight route.

3) All data link operations in domestic airspace are limited to the en route phase of flight where radar or an equivalent surveillance system such as Automatic Dependence Surveillance-Broadcast (ADS-B) is available for surveillance services.

4) All aircraft used to conduct data link operations in domestic airspace must be equipped with an FAA–certified collision avoidance system that is on and operating. (Reference part [91](#), § [91.221](#); part [121](#), § [121.356](#); part [125](#), § [125.224](#); part [129](#), § [129.18](#); and part [135](#), § [135.180](#).)

5) An exception to the requirement for data link communication systems is the FANS-1/A system in oceanic or remote airspace. The FANS-1/A communications system can only be approved for data link operations in oceanic and remote area airspace. FANS-1/A systems are not interoperable with the VDL-2 infrastructure for domestic data link communications.

B. Data Link Training. Part [121](#) and [135](#) air carriers, and part [91K](#) program managers must have an approved data link training program for their maintenance and flightcrew personnel, as outlined in FAA AC [120–70](#), Operational Authorization Process for use of Data Link Communication System, current edition.

C. Authorization for Data Link Use. For part [91](#), [121](#), [125](#), and [135](#) operators and part [91K](#) program managers, the POI will coordinate with the principal avionics and PMIs on the following matters:

NBAA UPDATE

July 25, 2016

Subscribe to *NBAA Update*

NBAA's Long-Sought RVSM Rule Changes Take Effect

As of Aug. 19, business aircraft operators seeking authorization to fly in reduced vertical separation minimum (RVSM) airspace will no longer be required to develop a separate maintenance program for RVSM equipment, thanks to a rule change driven by NBAA's ongoing collaboration with the FAA to simplify RVSM-approval compliance for the industry. The revision streamlines the approvals process by recognizing that maintenance of RVSM-related avionics and equipment is already covered by existing FAA requirements. "We're pleased to see the FAA issue this final rule, which is the latest in a number of NBAA's ongoing efforts to address operational concerns facing our members," said Mark Larsen, NBAA senior manager of safety and flight operations. [Read more about the RVSM-related rule change.](#)

- History
- Leadership**
 - Board of Directors
 - Senior Executives
 - Associate Member Advisory Council
 - Leadership Council
 - Standing Committees**
 - Strategic Focus Teams
- Awards
- NBAA Charities
- Bylaws
- Privacy Policy
- Environmental Policy
- Contact NBAA
- Advertising and Sponsorships
- Exhibiting Opportunities
- Requests for Proposals
- Careers With NBAA

STANDING COMMITTEES



Made up of committed, talented and knowledgeable volunteers, NBAA's Standing Committees work together on behalf of NBAA Members to promote business aviation access, operational excellence, professional development, safety and technical standards, and security.

Follow the links below to learn more about the Association's Standing Committees and their work on behalf of the business aviation industry.

STANDING COMMITTEE APPLICATION

Share your industry knowledge and experience by participating in NBAA's Standing Committees.

APPLY NOW

- ▶ Access Committee
- ▶ Associate Member Advisory Council
- ▶ Business Aviation Management Committee
- ▶ Domestic Operations Committee
- ▶ Flight Attendants Committee
- ▶ International Operators Committee
- ▶ Local and Regional Group Committee
- ▶ Maintenance Committee
- ▶ Regulatory Issues Advisory Group
- ▶ Safety Committee
- ▶ Schedulers & Dispatchers Committee
- ▶ Security Council
- ▶ Technical Committees
 - Cessna 500 Series Subcommittee
 - Cessna 600/700 Series Subcommittee
 - Dassault Falcon Jet Subcommittee
 - Hawker 125 Series Subcommittee
 - Hawker 4000 Subcommittee
 - Hawker 400XP/Beechjet Series Subcommittee
 - Textron Aviation Beechcraft Premier Subcommittee
 - Honeywell Global Customer Committee
 - King Air Subcommittee
 - Legend Subcommittee

JOIN AN NBAA COMMITTEE

NBAA Member participation on standing committees is vital to the continued success of business aviation.

[Apply to Participate on an NBAA Standing Committee](#)

Only employees of NBAA Member Companies are eligible to participate on NBAA Standing Committees. If your organization is not yet a Member, [visit the online NBAA Membership Application](#) to join today.



Exhibit at the World's Largest Business Aviation Event

Office of the Federal Register [US] <https://www.federalregister.gov/documents/search?conditions%5BAgencies%5D%5B%5D=federal-aviation-admini...>



FEDERAL REGISTER

The Daily Journal of the United States Government

Document Search

Documents Public Inspection 0

Find 58 documents [Subscribe](#)

Other Formats: [CSV/Excel](#), [JSON](#)

Show Advanced Search [Learn More](#)

PUBLICATION DATE

- Past 30 days 2
- Past 90 days 2
- Past 365 days 3

Did you mean the 13 documents from Federal Aviation Administration and matching RVs ?

Agency: Federal Aviation Administration

DOCUMENTS FOUND **58** **RELEVANT** NEWEST OLDEST

← Previous 1 2 3 Next →

PR Use of Automatic Dependent Surveillance-Broadcast (ADS-B) Out in Support of Reduced Vertical Separation Minimum (RVSM) Operations

by the Federal Aviation Administration on 09/07/2017

Site Feedback



FEDERAL REGISTER

The Daily Journal of the United States Government



The Federal Aviation Administration (FAA) is an agency of the United States Department of Transportation. It is responsible for regulating and overseeing all aspects of civil aviation in the United States. The FAA was established by the Federal Aviation Act of 1958 (72 Stat. 731). The FAA's mission is to promote safety, efficiency, and security in the national air transportation system. The FAA is responsible for the development and enforcement of regulations and standards for aircraft, pilots, air traffic controllers, and airports. The FAA also oversees the operation of the National Air Traffic Control System (NATCS) and the Federal Aviation Research and Development Administration (FARA). The FAA is a key agency in the transportation sector and plays a vital role in ensuring the safety and security of the nation's air transportation system.

Agency URL:
Parent Agency:

THERE ARE 2 SUBSCRIPTIONS AVAILABLE ON THIS PAGE. ✕

Documents from Federal Aviation Administration

Via RSS: [RSS 2.0 Link](#)

Via Email:

Notify when: Published Filed on Public Inspection

[Subscribe](#)

Documents from Federal Aviation Administration and whose Associated Unified Agenda Deemed Significant Under EO 12866

Via RSS: [RSS 2.0 Link](#)

Via Email:

Notify when: Published Filed on Public Inspection

Agency ▣

[Subscribe](#)

act of 1958 (72
of
ortation,
ster programs

Secure https://www.faa.gov/about/office_org/headquarters_offices/agc/pol_adjudication/agc200/Interpretations/



Federal Aviation Administration

[FAA Home](#)
[Jobs](#)
[News](#)
[About FAA](#)
[A-Z Index](#)
[FAA for You ...](#)

[Aircraft](#)
[Airports](#)
[Air Traffic](#)
[Data & Research](#)
[Licenses & Certificates](#)
[Regulations & Policies](#)
[Training & Testing](#)

Chief Counsel

- [Key Officials](#)
- [Operations](#)
- [Administration](#)
- [Contacts](#)
- [Policy & Adjudication](#)
 - [International Affairs & Legal Policy](#)
 - [Legislation](#)
 - [Litigation & General Legal Services](#)
 - [Adjudication](#)
 - [Procurement](#)
 - [Regulations](#)
 - [Ethics](#)

FAA Home › Offices › Chief Counsel › Policy & Adjudication › Regulations

Regulations Division

Legal Interpretations & Chief Counsel's Opinions

Legal Interpretations and the Chief Counsel's opinions are now available at this site. Please note that not all interpretations or Chief Counsel's opinions are available at this time. This database consists of legal interpretations issued from 1990 to the present and will be updated on a regular basis.

To search the entire collection (ALL years), you must supply at least one Keyword. If you wish to see *all* interpretations for a given year, first select the year and enter a space within parentheses () in the Keywords field.

Select a Year: ALL

Keywords:

[Recent Interpretations Postings](#)



- [Aircraft](#)
- [Airports](#)
- [Air Traffic](#)
- [Data & Research](#)
- [Licenses & Certificates](#)
- [Regulations & Policies](#)
- [Training & Testing](#)

Chief Counsel

[FAA Home](#) > [Offices](#) > [Chief Counsel](#) > [Policy & Adjudication](#) > [Regulations](#)

[Key Officials](#)

[Operations](#)

[Administration](#)

[Contacts](#)

[Policy & Adjudication](#)

[International Affairs & Legal Policy](#)

[Legislation](#)

[Litigation & General Legal Services](#)

[Adjudication](#)

[Procurement](#)

[Regulations](#) →

[Ethics](#)

International Law, Legislation, & Regulations Division



Recent Interpretation Postings

| Interpretation | Date Posted |
|--|-------------|
| Cooling - (2017) Legal Interpretation (PDF) | 08/22/2017 |
| Moody-SevenBar Aviation - (2017) Legal Interpretation (PDF) | 08/22/2017 |
| Kidd - (2017) Legal Interpretation (PDF) | 08/15/2017 |
| Hayslett-AJM-2 - (2017) Legal Interpretation (PDF) | 08/03/2017 |
| Grannis - (2017) Legal Interpretation (PDF) | 08/03/2017 |
| Lancaster - (2017) Legal Interpretation (PDF) | 07/31/2017 |
| Sansiveri-Rectrix Aviation - (2017) Legal Interpretation (PDF) | 07/26/2017 |
| Comar-Era Helicopters - (2017) Legal Interpretation (PDF) | 07/26/2017 |
| Cash - (2017) Legal Interpretation (PDF) | 07/06/2017 |
| Hills-Crowe & Dunlevy - (2017) Legal Interpretation (PDF) | 07/03/2017 |

Secure | https://www.faa.gov/aircraft/draft_docs/afs_ac/

**Flight Standards Service (AFS)
Draft Advisory Circulars (ACs) Open for
Comment**

Subscribe to this page to begin receiving email notifications when updates and additions are made.

[Aircraft Certification](#)
[Aircraft Safety](#)
[General Aviation & Recreational Aircraft](#)
[Repair Stations](#)

| Document Title: | AC 91.21-1D, Use of Portable Electronic Devices Aboard Aircraft |
|------------------------|--|
| Summary: | This advisory circular (AC) provides aircraft owners, operators, and the public with information and guidance to comply with Title 14 of the Code of Federal Regulations (14 CFR) part 91, § 91.21, which permits the use of specified portable electronic devices (PED). |
| References: | Title 14 of the Code of Federal Regulations (14 CFR): <ul style="list-style-type: none"> • Part 91, General Operating and Flight Rules • Part 121, Operating Requirements: Domestic, Flag, and Supplemental Operations • Part 125, Certification and Operations: Airplanes Having a Seating Capacity of 20 or More Passengers or a Maximum Payload Capacity of 6,000 Pounds or More; and Rules Governing Persons On Board Such Aircraft • Part 135, Operating Requirements: Commuter and On Demand Operations and Rules Governing Persons On Board Such Aircraft • AC 20-164, Designing and Demonstrating Aircraft Tolerance to Portable Electronic Devices |
| Document for Download: | Draft Document (PDF) Draft Document Comment Grid (MS Word) |
| Comments Due: | September 5, 2017 |
| How to Comment: | Deliver comments by mail or hand to: |

Flight Standards Service (AFS) Draft Documents Open for Comment Master Minimum Equipment List (MMEL)



[Aircraft Certification](#)

[Aircraft Safety](#)

[General Aviation &
Recreational Aircraft](#)

[Repair Stations](#)

| | |
|-------------------------------|---|
| Document Title: | MMEL DA-7X Rev 11, Dassault Aviation, Falcon 7X/8X |
| Summary: | Outlines the Master Minimum Equipment List (MMEL) requirements and procedures for the Dassault Aviation Falcon 7X and 8X aircraft. Provides lists/tables and resources for use by inspectors, pilots, technicians, and others in the field and public sector. |
| Document for Download: | Draft Document (PDF) Draft Document Comment Grid (MS Word) |
| Reference: | Title 14 of the Code of Federal Regulations (14 CFR): <ul style="list-style-type: none">• Part 121, Operating Requirements: Domestic, Flag, and Supplemental Operations• Part 125, Certification and Operations: Airplanes Having A Seating Capacity of 20 or More Passengers or A Maximum Payload Capacity of 6,000 Pounds or More; and Rules Governing Persons On Board Such Aircraft.• Part 129, Operations: Foreign Air Carriers and Foreign Operators of U.S.-Registered Aircraft Engaged In Common Carriage.• Part 135, Operating Requirements: Commuter and On Demand Operations and Rules Governing Persons On Board Such Aircraft. MMEL Policy Letter PL-25, MMEL and MEL Definitions MMEL Policy Letter PL-34, MMEL and MEL Preamble MMEL Policy Letter PL-36, FAR Part 91 MEL Approval & Preamble |
| Comments Due: | September 27, 2017 |



Search [AES User Manual](#)

Search Exemptions Lookup Contact

Search
Clear Form

Exemption Search

Petitioner:

Petitioner ... ?

Regulations:

Regulation 135.247 **Type** 14 CFR (FAR Section) ?

Exemption/Docket No.:

Exemption Number Docket ?

Disposition:

Disposition ?

Equipment:

Equipment ... ?

Issue Date:

Issue Date between **and** ?

Expiration Date:

Expiration Date between **and** **Choose From** Exclude "Never Expire" ?

Office:



Search [AES User Manual](#)

Search **Exemptions** Lookup Contact

Printer Friendly

Total Records Received: 8

Exemptions Search Results (Order By Exemption No)

| Exempt. No. | Issue Date | Expir. Date | FAA Office | Disp. | Regulation | Petitioner |
|-------------|------------|-------------|------------|---------|---|------------------------------|
| 16937 | 06/15/2016 | | AFS-200 | Denied | 135.247 | Gama Charters Inc. |
| 7866 | 08/13/2002 | | (NA) | Denied | 135.247(a)(2) | Cin-Air, LP |
| 5664 | 06/09/1993 | | (NA) | Denied | 135.247(A)(2) | American Cyanamid Co. |
| 5554 | 11/16/1992 | | (NA) | Denied | 135.247(A)(2) | Kaiserair, Inc. |
| 5460 | 06/01/1992 | | AFS-240 | Denied | 135.247(A)(2) 61.57(D) | American Cyanamid Co. |
| | | | | | 235.245 235.244 135.63(A)(4) 135.353 135.351 135.349 135.347 135.345 135.343 135.341 135.339 | |
| 5450 | 05/08/1992 | 04/30/1994 | AFS-240 | Granted | 135.337 135.335 135.333 135.331 135.329 135.327 135.325 135.323 135.321 135.303 135.301 135.299< | Regional Airline Association |

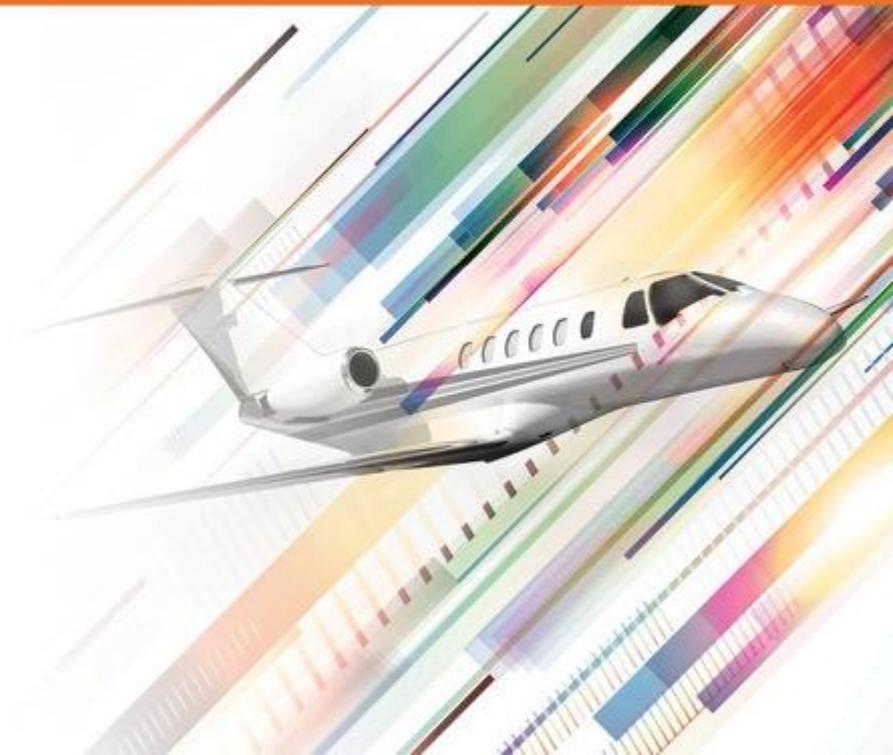
Electronic Resources

- **FAA Subscribe:** <https://www.faa.gov/contact/subscribe/>
- **FSIMS/8900.1:** <http://fsims.faa.gov>
- **FAA Draft Docs:** https://www.faa.gov/aircraft/draft_docs/
- **FARs:** <https://www.ecfr.gov/> (Title 14)
- **FAA Exemptions Database:** <http://aes.faa.gov>
- **Federal Register:** <http://federalregister.gov/agencies/federal-aviation-administration>
- **FAA Legal Interpretations:** https://www.faa.gov/about/office_org/headquarters_offices/agc/pol_adjudication/agc200/Interpretations
- **NBAA Update:** <https://www.nbaa.org/news/update/>
- **NBAA Standing Committees:** <https://www.nbaa.org/about/leadership/committees/>

Elevating Your Operation: Financial Overview

Tuesday, October 10, 2017 |

Matthew D. Grunenwald, PhD Candidate
Embry-Riddle Aeronautical University



From NBAA Management Guide, p. 1-1.

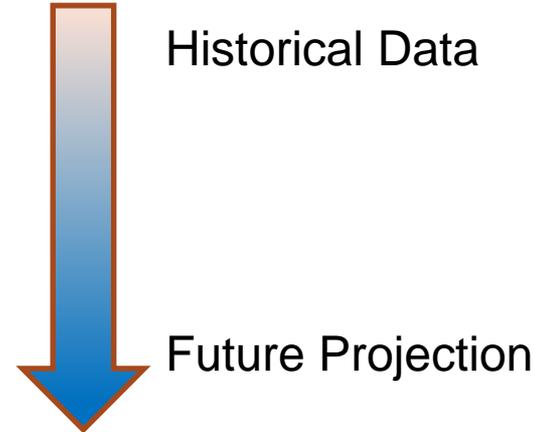
- It is ***incumbent upon the aviation department to help company management realize the worth and full potential*** of the aviation department's service.
- To achieve this goal, the aviation department must understand the needs of the company, and the only way for the aviation department to do this is to ask the customer – the user of the aircraft.
- ***The aviation department cannot define its own role; this information has to come from aircraft users.***

An aircraft is a valuable asset...

- Tangible benefits include:
 - personnel time savings
 - enhanced productivity
 - improved operational flexibility
 - product marketing
 - carriage of critical material
- Intangible benefits derived from the use:
 - enhanced potential for entrepreneurship
 - increased community service capability.

Methods of Financial Analysis

- Break even – alternative cost analyses
- Net Present Value
- Real options analysis
- Discrete choice analysis
- Agent-based modeling
- Simulation analysis/Monte Carlo



Bieger, T., Wittmer, A., & Laesser, C. (2007). What is driving the continued growth in demand for air travel? customer value of air transport. *Journal of Air Transport Management*, 13(1), 31-36. doi:10.1016/j.jairtraman.2006.11.002

Gibson, W., & Morrell, P. (2004). Theory and practice in aircraft financial evaluation. *Journal of Air Transport Management*, 10(6), 427-433. doi:10.1016/j.jairtraman.2004.07.002

Koppelman, F. S., Coldren, G. M., & Parker, R. A. (2008). Schedule delay impacts on air-travel itinerary demand. *Transportation Research Part B*, 42(3), 263-273. doi:10.1016/j.trb.2007.10.006

Kuhn, J. R., Courtney, J. F., Morris, B., & Tataara, E. R. (2010). Agent-based analysis and simulation of the consumer airline market share for frontier airlines. *Knowledge-Based Systems*, 23(8), 875-882. doi:10.1016/j.knosys.2010.06.002

Operational Cost Categories

| Category | Defined as |
|--------------------------------|--|
| Direct Operating Costs | Costs that change as the level of flying increases or decreases. Should be pooled by aircraft type or location and allocated based on flight hours or departures/landings. For example, fuel would be allocated on flight hours and landing fees would be allo |
| Fixed Aircraft Ownership Costs | Expenses associated with owning an aircraft and making it available for use. Fixed maintenance expenses, flight crew salaries, and aircraft lease costs are example. These costs are pooled by aircraft type and allocated based on Flight Hours. |
| Program Overhead | Costs that benefit and support the overall network. These costs are allocated based on available seat miles (ASM's) to equitably charge based on duration of flight and capacity supported. |
| Non-Aircraft Fixed Costs | These are costs necessary to support general operations and passenger transportation. These costs are pooled at the station level and allocated based on available seat miles (ASM's) to equitably charge based on duration of flight and capacity supported. |
| Passenger Variable Costs | Costs that change as the number of passengers increases or decreases. Should be pooled by location and allocated based on passenger boardings. |

Professional Mentoring Network

October 10, 2017 10:30 AM

Small Flight Department Committee – David Keys, Chairman





k4247446 fotosearch.com ©

Talent Shortage

- Over the next two decades, 87 new pilots will need to be trained and ready to fly a commercial airliner every day in order to meet demand.
- Passenger and cargo airlines, worldwide, are expected to buy 41,000 new airliners between 2017 and 2036.
- Boeing estimates there will be a need for 637,000 new pilots, and 679,000 maintenance technicians.
- More than 42% of active U.S. airline pilots will retire over the next 10 years, about 22,000 according to a report by Cowen & Company.

NBAA is launching a
Professional Mentoring Network
in 2018!

We're looking for qualified industry veterans and rising stars to be a part of the initial class of mentors and mentees that will help foster a collaborative environment for professional growth. Participants will be matched based on location, industry objectives and other factors to provide an engaging and fulfilling experience.

BENEFITS OF BEING A MENTOR

DEVELOP YOUR LEADERSHIP SKILLS.

Becoming a mentor can help you improve on ways to motivate, inspire, and encourage others which will in turn help you become a better manager and team member.



BENEFITS OF BEING A MENTOR

LEARN NEW PERSPECTIVES.

Learn from your mentee's experience and expectations. By working with future leaders, you can gain a new perspective of the business aviation industry that you may not be able to get anywhere else.



BENEFITS OF BEING A MENTOR

GAIN PERSONAL SATISFACTION.

This is the perfect opportunity to give back to the business aviation industry. Through NBAA's Professional Mentoring Network, you'll be able to help shape a young professional's journey into business aviation. There's no better feeling than knowing your direct influence helped shape someone's career.



LEARN MORE: www.nbaa.org/mentoring



