

The National FAA Safety Team Presents

Topic of the Month – March Pilot Proficiency and *WINGS*

Presented to: Free State Flying Club and Friends
By: Drew Myers, FAASTeam Wings Rep
Date: March 11th 2021

Produced by AFS-850
The FAA Safety Team (FAASTeam)



Federal Aviation
Administration



Welcome

- **Drew Myers, AOPA Manager of Flying Clubs**
 - Safety Officer and Plane Captain for Free State Flying Club
- **Sponsor Acknowledgment – FSFC, AOPA, FAASTeam, Baltimore FSDO**
- **Please - MUTE your microphone. “Raise your hand” if you need something!**
- **WINGS Credit: Yes...but give me a day or two...**
- **In-and-out...no time for questions, but send email:**
 - drew.myers@aopa.org

FAA Safety Team | Safer Skies Through Education
FAASTeam



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Administration

Important!

- **Wilmington Delaware TFRs**
- **Will be popping up like daisies...**
- **Check NOTAMs**
- **Subscribe to NOTAM notifications**
- **Call flight service when in flight**



VIP TFR OVER WILIMINGTON, DE BEGINNING
TODAY SATURDAY, MARCH 6, 2021



Important!

KILG New Castle Airport
N57 New Garden Airport
7N7 Spitfire Aerodrome
KEVY Summit Airport
58M Claremont Airport
KOQN Brandywine Regional Airport
KMQS Chester County
9N2 Philadelphia Seaplane Base

KPHL Philadelphia International Airport
M06 Havre De Grace Seaplane Base
38N Smyrna Airport
MD1 Massey Aerodrome
0W3 Harford County Airport
P72 Penn's Landing Heliport
O03 Morgantown Airport
00N Bucks Airport



Overview

- Why proficiency is important
- The path to proficiency
- Spring quarter activities
- **WINGS** for Clubs

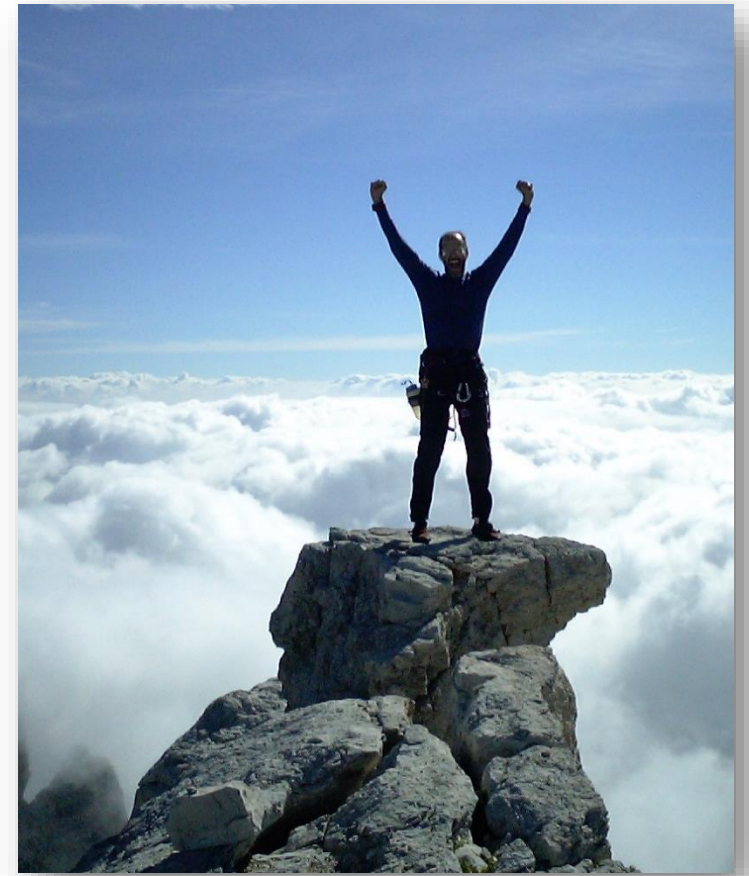


FAASTeam Mission Statement

Lower the Nation's aviation accident rate by conveying safety principles and practices through training, outreach, and education, while establishing partnerships and encouraging the continual growth of a positive safety culture within the aviation community.



The Path to Proficiency



The path to proficiency doesn't end with a check-ride. It continues throughout your flying career

Stay on top of your game!



GA Proficiency Vs. The Pros

- **It doesn't make sense...**

- Airline pilots - flying regularly - every 6-months
- GA pilots - flying infrequently - every 24-months



Topical Examples...



AOPA Nall Report

- Now interactive
- Updates as new data becomes available
- Highly searchable

The 30th Joseph T. Nall Report

The release of the AOPA Air Safety Institute's 30th *Joseph T. Nall Report* offers several enhancements and brings data into the 21st century, presenting users with near real-time accident analysis updated on a rolling 30-day cycle. Using the drop-down menu below, you can view data from 2008 to the current year. Next to the drop-down menu are two links, one for the 29th Joseph T. Nall Report and one for the 30th. Please note that the NTSB takes approximately two years to issue a probable cause statement, so only preliminary data is available for later years.

Break data down by year: [29th Nall Report](#) [30th Nall Report](#) Nall Report Archive:

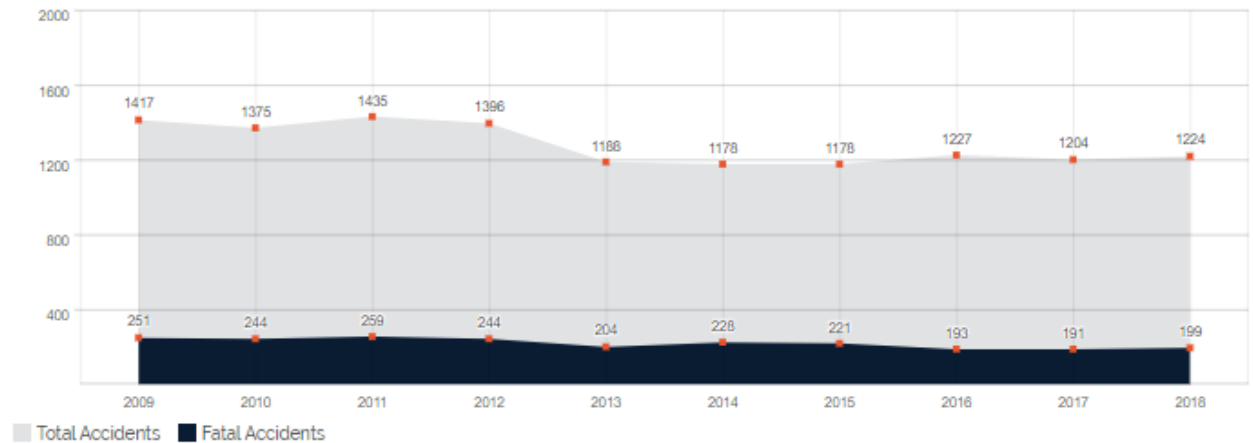
- All
- Non-Commercial Fixed Wing
- Commercial Fixed Wing
- Non-Commercial Helicopter
- Commercial Helicopter
- Sport/Experimental

GENERAL

The year 2018 saw an increase in total accidents (1,224), of which 199 were fatal. The overall total and fatal accident rates for 2018 continued its downward trend finishing with a total accident rate of 4.56 per 100,000 hours and a fatal accident rate of 0.74 per 100,000 hours.

General Aviation Accident Trends 2009-2018

2018 Overall Summary



General Aviation Accident Rates 2009-2018

2018 Overall Summary

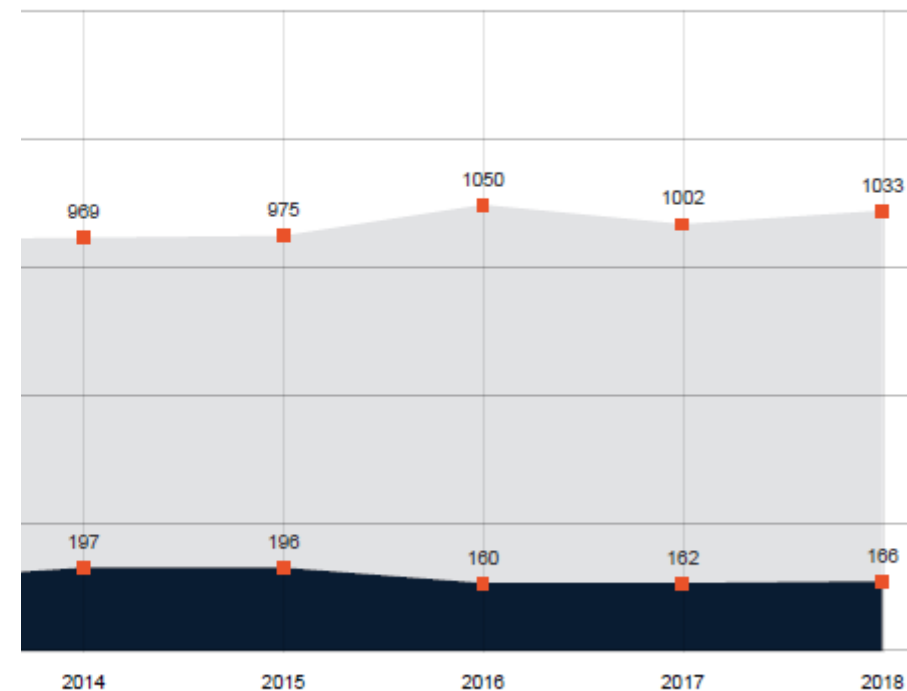
Why we (still) need *WINGS*

30th Nall Report:

Figure 1.2: General Aviation Accident Trends 2009-2018
2018 Non-commercial fixed-wing

- Number of accidents increasing, but so are flight hours
- Number of fatal accidents - stubborn
- OK – keep doing what we are doing...but what else?
- Is it flattening to a new level of entitlement?
- Given the time and effort, should we expect more?

■ Total Accidents ■ Fatal Accidents



We make up most of the stats...

Figure 1.4: General Aviation Accidents in 2018
2018 Non-commercial fixed-wing

	Accidents		Fatal Accidents	
Pilot-Related	675	65.5%	89	54.3%
Mechanical	186	18%	11	6.7%
Other / Unknown	170	16.5%	64	39%

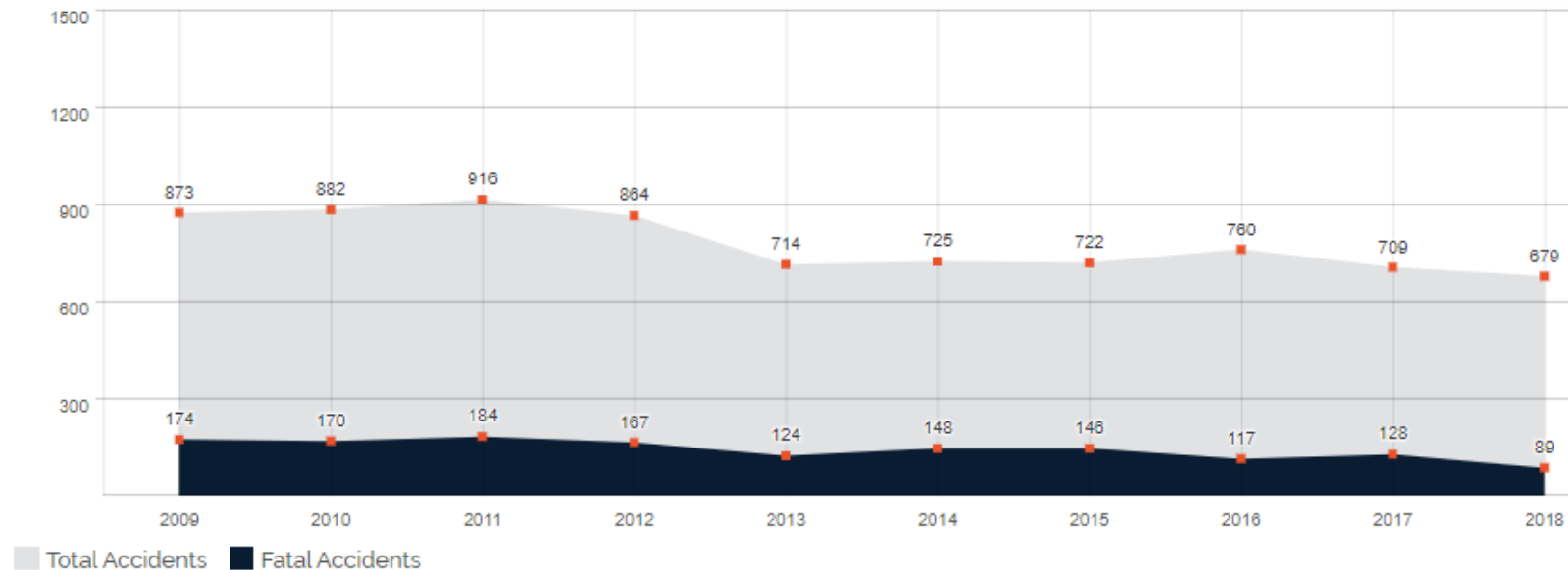


We make up most of the stats...

- **Pilot Related:**
Improper action or inaction of the pilot
 - **The same for years - ~70% of accidents caused by us**
 - **Around 50% of pilot related accidents are fatal**

Figure 1.9: Pilot-related Accident trend

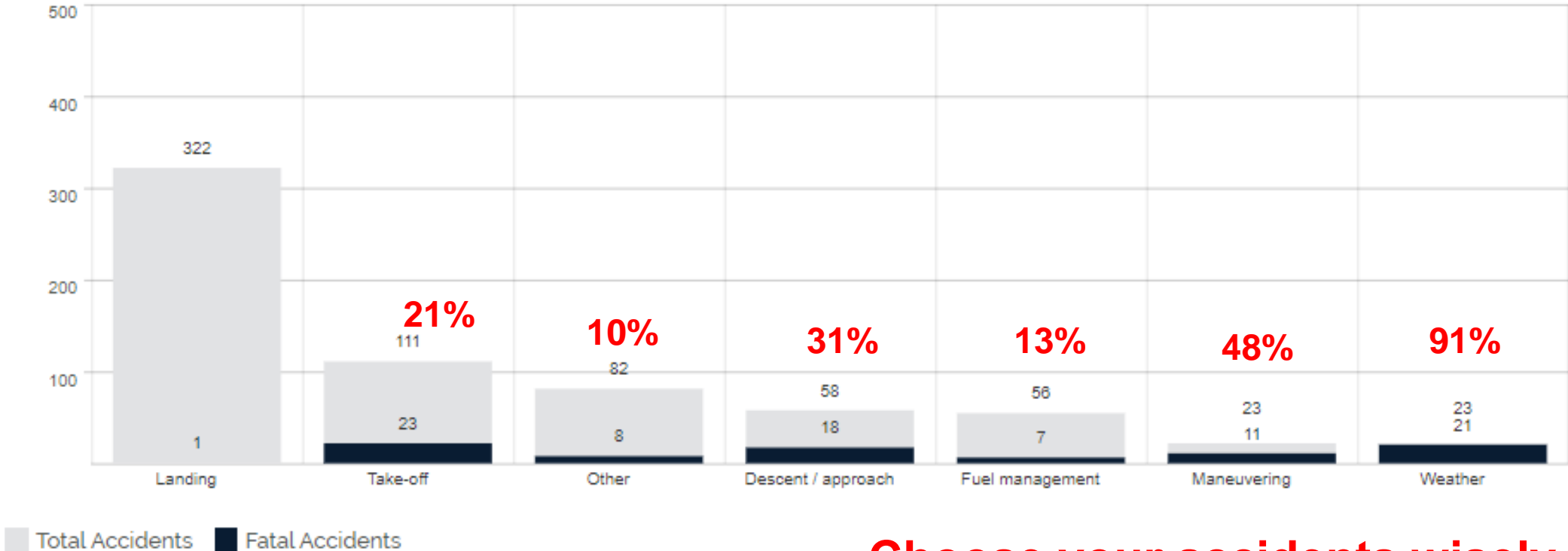
2018 Non-commercial fixed-wing



We make up most of the stats...

Figure 1.11: Types of pilot-related accidents

2018 Non-commercial fixed-wing



Choose your accidents wisely...



Maneuvering

- If you are involved in an accident involving maneuvering, there is a ~50% chance you will die
- So...just stop maneuvering, right?
- No – change and “up” our training!
- Meaningful checkouts and flight reviews
- Keep an eye out for E-3:
 - “Expanded Envelope Exercises”
 - “Pilots don’t have accidents in their comfort zones”
 - “Expand a pilot’s envelope for more comfort”
 - See AOPA Live 3-4-2021



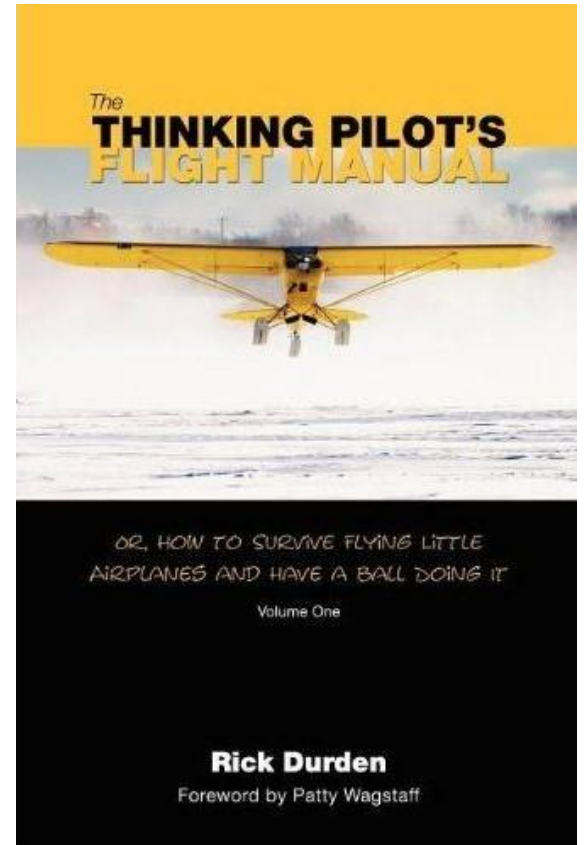
Loss of Control – The result, not the cause...

- **The most lethal GA accident precursor**
 - Disorientation (Continued VFR into IMC)
 - Distraction
 - Inappropriate response to emergent event
 - Lack of aircraft handling skill
 - Not understanding the situation/sensation
 - Inadequate risk management
- **Proficiency Training addresses all of these**



“Own” The Flight Review!

- **Have a plan**
 - Give some thought to what you want out of it
 - Discuss your plan with your CFI ahead of the flight
 - **Get weird with it!**
 - Practice the hard stuff
 - Get out of (expand) your comfort zone
 - **Get more bang for your buck**
 - If you feel tired like you did after your first few flight lessons, you’re on the right track! Think of it as a workout of your skills, not a box to check
- Last point: it’s a lesson, not a checkride. Relax and learn!***



Flight coach

- **Rated and skilled in that airplane**
- **Familiar with the coaching environment**
 - Keen observer
 - Teacher
 - Motivator
- **Develop your Personal Minimums**
 - Conditions for safe flight
 - Keyed to individual performance
 - Document and periodically review



Calibrate yourself

My Short Field Performance				
Aircraft		Gross Weight		Test Weight
Airfield		Elevation		Density Alt.
Wind Direction		Wind Speed		X-Wind Comp
IAS		Landing Dist.		Flap Setting
Takeoff Flap		Rotation Speed		
Rotation Speed x.70		V _x		V _y
Distance to Rotation		Distance to 50'		



Keep an “info” sheet” for each airplane

V-Speeds and Other Details	Cessna A152
Cessna A152 N761GG	Fuel: 26-Galls total; 24 usable Oil: 6-Qrts Max, 4-Qrts Min
Aerobat A152	Max Weight: 1670 lbs

V-Speed	IAS (Kts)
V _A @ 1670lbs	108
V _A @ 1500lbs	102
V _A @ 1350lbs	97
V _{FE}	85
V _{NE}	172
V _{NO}	125
V _R	50
V _S	40
V _{SO}	35
V _X Flaps Up	55
V _X Flaps +10	54
V _Y Flaps Up	67

Normal Operations:	
What:	IAS (Kts)
Max Crosswind Comp	12
Normal climb out	65-75
Short Field TO Flaps 10 Retract > 100'	54
Climb - Flaps up:	
Best V _X @MSL	55
Best V _X @10,000'	55
Best V _Y @MSL	67
Best V _Y @10,000'	61
Approach to landing:	
Normal - Flaps 0	65-70
Normal - Flaps 10	65-70
Normal - Flaps 20	65-70
Normal - Flaps 30	55-65
Short Field - Flaps 30	54

Emergency Speeds	IAS (Kts)
Pwr-Off Ldg - no flaps	65
Pwr-Off Ldg - 30 flaps	60
Max. Glide	60
Glide Ratio:	9.7
AGL (feet)	Miles
2000	3.7
4000	7.3
5000	9.2
6000	11.0
8000	14.7
10000	18.4

ASI Details:		Kts
ARC		
White Arc:		35 - 85
	V _{SO}	35
	V _{FE}	85
Green Arc:		40 - 125
	V _{SL}	40
	V _{NO}	125
Yellow Arc:		125-172
	V _{NO}	125
	V _{NE}	172

Pattern Speeds:

Stall Speed (Kts)	Flaps = V ₃₀ 35	Clean = V ₃₁ 40	Actual Approach
Downwind	80	80	80
Mid-Field Downwind (*1.5)	53	60	70
Turning Base (*1.4)	49	56	65
Final (*1.3) = (V _{REF})	46	52	55-60
Over Numbers (*1.2)	42	48	55-60

Landing Check -1:

- * Fuel Gauges - CHECK
- * Fuel - ON
- * Thottle - AS NEEDED
- * Light - LANDING ON
- * Magnetos - BOTH
- * Masters - ON
- * Mixture - RICH
- * Carb Heat - HOT
- * Engine Gauges - GREEN
- * Flaps - AS REQUIRED
- * CLEARANCE/CTAF

Landing Check - 2:

- BF-GUMPS
- B: Boost Pump ON
- F: Flaps & Feet
- G: Gas - ON
- U: Undercarriage down
- M: Mags, Masters, Mixture
- P: Prop full high
- S: Secure - belts, doors, etc.

Pattern:

- Take-Off:
- * Rotate @ 50
 - * Climb out @ 67
 - * Level @ 80Kts - 2100 RPM
 - * Downwind TPA @ 80
 - * Downwind Checklist

Abeam Numbers:

- * Power 1500 RPM - 70Kts
- * White Arc? Flaps 10
- * Base @ 65-70
- * Flaps 20
- * Final @ 60-65
- * Flaps 30 (if needed)
- * BF-GUMPS
- * X-Wind Control + Slip
- * Touch down @ ~42

Go Around:

- * Full Power - Heat COLD
- * Pitch down for 55 Kts
- * Flaps back ONE notch
- * Pitch for 67 Kts
- * Flaps retract in increments

Current vs. Proficient (Legal Vs. Safe)

- **Currency: What the FAA regulations are concerned with:**
 - Flight review – 61.56
 - Recent Flight Experience – 61.57
 - 90-day passenger *currency*
 - 90-day night *currency*
 - 90-day tailwheel *currency*
 - IPC
- **Nothing about how well you did them...**
- **Proficiency is what we are really after...**
 - Level of performance
 - But you'll likely be current if you fly enough to be proficient



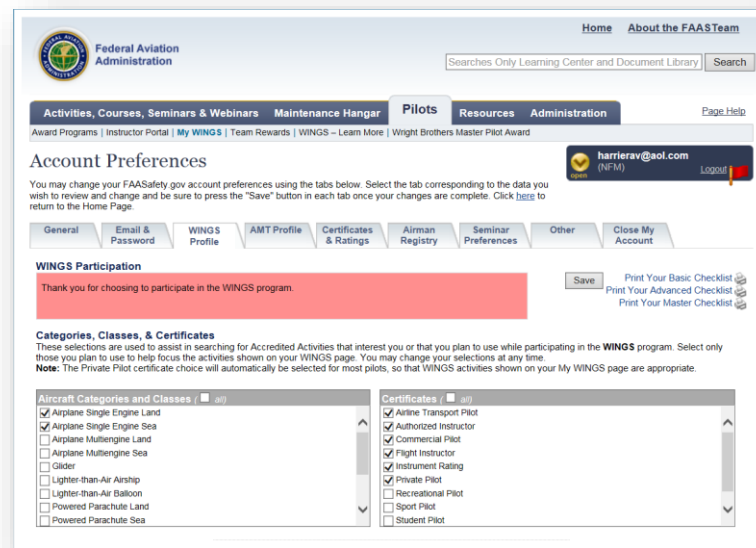
We need a GA Pilot Proficiency Program!!!

- **Currency is NOT a surrogate for Proficiency**
 - Just like airspeed is NOT a surrogate for angle of attack
- **The FAA has already provided the solution!**
 - A general aviation pilot proficiency program
 - Proficiency though evaluated achievement to ACS standards:
 - Knowledge
 - Risk management
 - Airmanship/skill



WINGS – easy as 1, 2, 3

1. Create an account on <http://faasafety.gov>
2. Complete your *WINGS* Pilot Profile
3. Attend *WINGS* seminars and take *WINGS* flights



WINGS Levels and Phases

- **Levels:**
 - Basic
 - Advanced
 - Master

(Rumour is that this will change to just one level for new *WINGS*)
- **Phase:**
 - Three knowledge and three flight activities at given level
 - Can earn as many phases as you like
 - Can tackle any level but must do at least one basic phase, per year
- **Earn a phase in 12-months = flight review**
 - When properly documented, endorsed and validated



Document your training

- **WINGS** Pilot Proficiency Program
 - Online records retention
 - Tailored to common GA accident precursors
 - Seminars and Webinars near you
 - Like ToM
 - Also need to fly!
- **Three knowledge activities**
- **Three flight activities**

<http://faasafety.gov>



faasafety.gov



- Not the easiest to navigate...but have a click fest
- Lots of gems, sometimes hidden
- Use MY WINGS to get ideas for knowledge and flight activities
- Flight activities must be endorsed by your CFI and then validated
- Call me if you need something validated...

The screenshot displays the FAA Safety Team website interface. At the top, the FAA logo and 'Federal Aviation Administration' are visible. The main navigation bar includes 'Activities, Courses, Seminars & Webinars', 'Maintenance Hangar', 'Pilots', 'Resources', and 'Administration'. A user account menu for 'sbateman7799@gmail.com' is open, showing options like 'My WINGS', 'Team Rewards', and 'WINGS - Learn More'. The main content area features several sections: 'Featured Courses' with links to AMT Core Course and DC SFRA; 'Hot Topics' with a 'FLY SAFE' graphic and 'General Aviation Safety Enhancement Topics'; 'AMT Awards Program' highlighting 14,454 awards earned in 2020; 'WINGS AC 61-91J' section for flight review expiration; 'Instructor Portal' for validating privileges; 'WINGS Achievements' reporting 43,820 pilots earned at least one phase; 'FAASTeam Directory' with a search box; 'FAASTeam Industry Members' listing organizations like AWAM and ASTM; 'FAASTeam Representatives' with a link to view representative information; and a 'FAASTeam YouTube' section. A bottom navigation bar contains links for 'Offices', 'Forms', 'Accidents & Incidents', 'Regulations & Guidelines', 'Handbooks & Manuals', 'Aeronautical Navigation Products', and 'Other Popular FAA Sites'. A vertical 'Linked' sidebar is on the left, and the version number 'v 3.15.008.000' is in the bottom right corner.

MY WINGS

- Suggests knowledge and flight activities for you
- Change as you wish

Knowledge Activities 				
TOPIC	TYPE	TITLE	STATUS	SEARCH
Knowledge Topic 1 1 Credit	Course ALC-62	Aeronautical Decision Making for VFR Pilots	✓ Completed 7/4/2020	
Knowledge Topic 2 1 Credit	Seminar  EA07102493	Tailwheel Ground School	✓ Completed 11/12/2020	
Knowledge Topic 3 ½ Credit	Seminar  EA0799293	Westminster Aerobats Flying Club - Monthly Safety Meeting (KFDK)	✓ Completed 3/9/2020	
Knowledge Topic 3 1 Credit	Seminar  EA6199737	I Have a Question - More on Charts and Airspace - 2020	✓ Completed 3/25/2020	

Flight Activities 				
TOPIC	TYPE	TITLE	STATUS	SEARCH
Flight Topic 1 1 Credit	Flight FFR Instrument Proficiency	AOPA Focused Flight Review Instrument Proficiency	When Complete Request Credit	Find Alternate Activities
Flight Topic 2 1 Credit	Seminar  EA2779494	NTSB Safety Seminar	Request Credit	Find Alternate Activities
Flight Topic 3 1 Credit	Flight A100125-10	ASEL-Emergency Operations (Pvt, Comm'l, ATP)	When Complete Request Credit	Find Alternate Activities



Activities and Courses

- Something for everyone!

Federal Aviation Administration

Home About the FAASTeam

Search FAASafety Website

Activities, Courses, Seminars & Webinars Maintenance Hangar Pilots Resources Administration Page Help

Activities | Courses | Seminars & Webinars | Topic Suggestions

Activities

Search Activities | Activity History

sbateman7799@gmail.com (Lead Representative) Logout

There are hundreds of activities featured on the FAASafety.gov website to augment your training experience. The search tool below furnishes users with a convenient way to find activities and includes the specific WINGS or AMT credits that apply. To search for activities, specify your search parameters below and press "Search".

Search Activities [Close](#)

Keywords:

Activity Type: Seminars Other Activities Courses Flight Activities

Program: WINGS AMT WINGS and AMT Rep Training

[Return to Top](#)

My Activity History [Close](#)

Stephen Bateman, this area shows your Accredited Activity history, including the specific WINGS or AMT credit(s) associated with your activity. ([Print-friendly version](#))

RESULTS 1 - 50 OF 221. PER PAGE

Activity Type	Date Complete	Accredited Activity	Validator	Status
Other Activity EAA-20210303	3/3/2021	How Mags Fall Advanced WINGS 1 Credit for Advanced Knowledge Topic 2 AMT 1 Hour Total for AMT	EAA Webinars	Accepted
Course ALC-297	2/22/2021	Representative Training: IT Security No Credits	[FAASafety.gov]	Accepted
Course ALC-62	2/20/2021	Aeronautical Decision Making for VFR Pilots 1 Credit for Basic Knowledge Topic 1	[FAASafety.gov]	Accepted
Seminar GL07103334	2/18/2021	CFI/DPE Forum Promoting Proficiency 1 Credit for Basic Knowledge Topic 3	PAUL DUANE GILLENWATER	Accepted
Seminar WP05103529	2/18/2021	(Link Correction)(Re)Introduction to the Garmin GNS 430/530 1 Credit for Basic Knowledge Topic 3	Mike Jesch	Accepted
Seminar NR03103669	2/18/2021	Situational Awareness A Human Factors Perspective	JOHN LYON COLLINS	Accepted

Flight Activities

- Something for everyone!

The screenshot shows the FAA Safety website interface. At the top left is the Federal Aviation Administration logo. To the right are links for 'Home' and 'About the FAA Team'. A search bar for 'FAASafety Website' is located in the top right. Below the logo is a navigation menu with 'Activities, Courses, Seminars & Webinars' highlighted, and other options like 'Maintenance Hangar', 'Pilots', 'Resources', and 'Administration'. A 'Page Help' link is also present. The main heading is 'Activities', with sub-links for 'Search Activities' and 'Activity History'. A user profile for 'sbateman7799@gmail.com' is shown in the top right corner. A paragraph explains that there are hundreds of activities on the website to augment training, and a search tool is provided. Below this is a 'Search Activities' form with fields for 'Keywords', 'Activity Type' (Seminars, Other Activities, Courses, Flight Activities), 'Program' (WINGS, AMT, WINGS and AMT, Rep Training), and 'WINGS Level' (Basic, Advanced, Master) with sub-options for Knowledge and Flight. A 'Perform Search' button is at the bottom right of the form. Below the form, it shows 'RESULTS 1 - 50 OF 319' and a table of search results. The table has columns for 'Activity Type', 'Date', 'Activity Name', 'Cost', and 'Credit'. The first five results are all 'Flight Activity' type, 'Free' cost, and '1 Credit for Basic Flight Topic 3'. The activity names are: 'ASEL - Air Work - Performance Flight and Ground Reference Maneuvers (Pvt, Com...', 'ASEL - Air Work (Rec Pilot)', 'ASEL - Air Work (Sport Pilot)', 'ASEL - Airport Operations (Pvt, Comm'l, ATP)', and 'ASEL - Airport Operations (Rec Pilot)'. There is also a partial row for 'ASEL - Airport Operations (Sport Pilot)'. An 'Export' button is visible in the top right of the results area.

Home About the FAA Team

Search FAASafety Website

Activities, Courses, Seminars & Webinars Maintenance Hangar Pilots Resources Administration Page Help

Activities | Courses | Seminars & Webinars | Topic Suggestions

Activities

Search Activities | Activity History

sbateman7799@gmail.com
(Lead Representative) Logout

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Search Activities Close

Keywords:

Activity Type: Seminars Other Activities Courses
 Flight Activities

Program: WINGS
 AMT
 WINGS and AMT
 Rep Training

WINGS Level: Basic Advanced Master
 Knowledge 1 Flight 1
 Knowledge 2 Flight 2
 Knowledge 3 Flight 3

Perform Search

RESULTS 1 - 50 OF 319. 50 PER PAGE

Activity Type	Date	Activity Name	Cost	Credit
Flight Activity A100125-08		ASEL - Air Work - Performance Flight and Ground Reference Maneuvers (Pvt, Com...	Free	1 Credit for Basic Flight Topic 3
Flight Activity A100125-14		ASEL - Air Work (Rec Pilot)	Free	1 Credit for Basic Flight Topic 3
Flight Activity A100125-17		ASEL - Air Work (Sport Pilot)	Free	1 Credit for Basic Flight Topic 3
Flight Activity A100125-07		ASEL - Airport Operations (Pvt, Comm'l, ATP)	Free	1 Credit for Basic Flight Topic 3
Flight Activity A100125-13		ASEL - Airport Operations (Rec Pilot)	Free	1 Credit for Basic Flight Topic 3
Flight Activity		ASEL - Airport Operations (Sport Pilot)	Free	

Export

WINGS Knowledge Topic of the Quarter



FAA
Aviation Safety

WINGS Topics of the Quarter

Knowledge Topics:

Spring

Knowledge Topic

Follow the QR code or link below to take a course on **Aeronautical Decision Making**. (ALC-62)



<https://bit.ly/2G0TY0r>

Date Completed _____

WINGS flying is more than half the fun. Turn the page and complete your Spring WINGS Flight Activity with your CFI.

Basic Knowledge Topic 1

Summer

Knowledge Topic

Follow the QR code or link below to take a course on **Positive Aircraft Control** (ALC-36)



<https://bit.ly/2L1HnbX>

Date Completed _____

It's time to apply your WINGS knowledge in flight! Plan to complete the Summer WINGS Flight Activity that will keep you flying at the top of your game!

Basic Knowledge Topic 2

Fall

Knowledge Topic

Follow the QR code or link below to take a course on **Inflight Icing** (ALC-33)



<https://bit.ly/2EtqExj>

Date Completed _____

Enough of the bookwork. Now it's time to fly! Complete the rewarding Fall WINGS Flight Activity on the back of this page.

Basic Knowledge Topic 3

Winter

Knowledge Topic

Elective

Follow the QR code or link below to take a course on **Avoiding Loss of Control** (ALC-214)



<https://bit.ly/1q0cP8T>

Date Completed _____

It's time to spread your WINGS and broaden your horizons. Schedule your Winter WINGS Flight Activity with your CFI.

Knowledge Topic

- Easy to do the three knowledge activities

- Online proficiency courses

- Self-paced
- Do it at home



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Spring Training

- **Refresh your knowledge with this online course:**
 - [ALC 62 Aeronautical Decision Making for VFR Pilots](#)
- **Build solid decision-making skills**
 - On the ground and in the air



WINGS Flight Topic of the Quarter



FAA
Aviation Safety

WINGS Topics of the Quarter

Flight Activities For SEL:

Spring
Flight Activity

Flight Activity: A070405-07
Takeoffs, Landings, Go-Arounds



<https://bit.ly/2L1WceL>

Objective: To develop, review, or improve the airman's knowledge, airmanship and understanding the importance of maintaining positive aircraft control during takeoff, landing, and go-arounds.

I certify that

holder of pilot certificate # _____
has satisfactorily demonstrated proficiency in the required tasks as outlined in the WINGS - Pilot Proficiency Program, for activity #A070405-07 on _____.

CFI Printed Name: _____

CFI # / Expiration: _____

CFI SIGNATURE: _____

Summer
Flight Activity

Flight Activity: A070405-08
Slow Flight, Stalls,
Basic Instruments



<https://bit.ly/2AZZNFM>

Objective: To develop, review, or improve the airman's knowledge, airmanship and understanding the importance of performing intentional stalls to familiarize the airman with the conditions that produce stalls.

I certify that

holder of pilot certificate # _____
has satisfactorily demonstrated proficiency in the required tasks as outlined in the WINGS - Pilot Proficiency Program, for activity #A070405-08 on _____.

CFI Printed Name: _____

CFI # / Expiration: _____

CFI SIGNATURE: _____

Fall
Flight Activity

Flight Activity: A100125-07
Airport Operations



<https://bit.ly/2G5Ybjl>

Objective: To develop, review, or improve the airman's knowledge, airmanship and understanding the importance of knowing and abiding by the rules and general operating procedures applicable to airports.

I certify that

holder of pilot certificate # _____
has satisfactorily demonstrated proficiency in the required tasks as outlined in the WINGS - Pilot Proficiency Program, for activity #A100125-07 on _____.

CFI Printed Name: _____

CFI # / Expiration: _____

CFI SIGNATURE: _____

Winter
Flight Activity

Elective

Flight Activity: A100125-08
Air Work – Proficiency Maneuvers
& Ground Reference Maneuvers



<https://bit.ly/2Ei2rL0>

Objective: To develop, review, or improve the airman's knowledge, airmanship and understanding the importance of mastering the ability to control the airplane, and recognize and correct for the effect(s) of wind.

I certify that

holder of pilot certificate # _____
has satisfactorily demonstrated proficiency in the required tasks as outlined in the WINGS - Pilot Proficiency Program, for activity #A100125-08 on _____.

CFI Printed Name: _____

CFI # / Expiration: _____

CFI SIGNATURE: _____

- Easy to do the three flight activities

- Rewarding Flight Activities

– With your CFI



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Administration

Spring Training

- Practice your flying skill by completing these flight activities with your CFI:
 - [ASEL – Takeoffs, Landings, Go-Arounds](#)
- Hone your takeoff & landing skills
- Practice for emergencies



- Normal Takeoff & Climb
- Normal Approach & Landing
- Soft-Field Takeoff & Climb
- Soft-Field Approach & Landing
- Short-Field Takeoff & Maximum Performance Climb
- Short Field Approach & Landing
- Forward Slip to a Landing
- Go-Around / Rejected Landing
- Emergency Descent, Approach & Landing
- Systems and Equipment Malfunctions

WINGS Flight Activity # A070405-07 Worksheet ASEL - Takeoffs, Landings, and Go Arouns				DATE:	
				LOCATION:	
AIRMAN:	AIRMAN CERTIFICATE #:	AIRMAN EMAIL:	TYPE AIRCRAFT/SIMULATOR USED	BLOCK TIME	
CFI:	CFI CERTIFICATE #:	CFI EMAIL:	WINGS Flight Activity Completed: <input type="checkbox"/> YES <input type="checkbox"/> NO		
<p>NOTE: The Flight Instructor will ensure the airman possesses the knowledge, ability to manage risks, and skills consistent in the performance of flight maneuvers specifically listed in the Areas of Operation for Takeoffs, Landings and Go-Arounds; Emergency Operations, and Night Operations (as applicable) to the ACS completion standards. While this <i>WINGS</i> Flight Activity targets specifically the Takeoff, Landing, and Go-Around Area of Operation, Airmen should satisfactorily demonstrate all pertinent parts of the ACS in their Preflight, Flight, and Post Flight activities consistent with their certificate or rating. For <i>WINGS</i> credit, the airman will satisfactorily demonstrate the maneuvers and procedures listed in bold text below, using both outside visual references and cross checked with the flight instruments, for the privileges of the certificate or rating being exercised in order to act as Pilot-in-Command (PIC).</p>					
Principal ACS Areas of Operations for this WINGS Flight Activity (Bold Items Required):					
AREA OF OPERATION	GRADE		AREA OF OPERATION	GRADE	
	FM	SRM		FM	SRM
I. PREFLIGHT PREPARATION			V. PERFORMANCE AND GROUND REFERENCE MANEUVERS		
II. PREFLIGHT PROCEDURES			VI. NAVIGATION		

Beyond the \$149.00 hamburger (Adjusted for inflation)

- **Power-Pitch-Performance exercises**
- **Slow flight – get there in 15 secs**
- **Actual stalls and recovery**
- **Ground reference maneuvers in wind!**
- **Power is a flight control**
- **Short & soft takeoffs & landings**
 - Set targets and practice to achieve them
- **Power-off landings**
- **Instrument flying**
- **Maneuver of the Month – let's all practice short field TO and LNDS!**



Register for knowledge credit



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Event Details and Registration



harrierav@aol.com
(NFM)

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Below you will find the details for this seminar or webinar. You may register by clicking the "Register" link. ([Print-friendly version](#)).

Title: **Fuel Mismanagement**

Topic: **Fuel Mismanagement leading to fuel starvation**

Date and Time: **Tuesday, April 17, 2018, starting at 19:00 Pacific Daylight Time** [Download Calendar File](#)

Credit Applicability:

1 Credit for Basic Knowledge Topic 3

FAAS Team Project
Information:

National Project: **WINGS**

Additional Event Documents: [WP2182456F.pdf](#)

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Request flight credit from MyWINGS

Flight Activities 


TOPIC	TYPE	TITLE	STATUS	MORE
Flight Topic 1 1 Credit	Flight A070405-89	ASEL-Takeoffs, Landings, Go-arounds (ATP, Comm'l, Pvt) Advance...	When Complete Request Credit	Search
Flight Topic 2 1 Credit	Flight A070405-08	ASEL-Slow Flight, Stall, Basic Instruments (Pvt, Comm'l, ATP)	When Complete Request Credit	Search
Flight Topic 3 1 Credit	Flight A100125-07	ASEL-Airport Operations (Pvt, Comm'l, ATP)	When Complete Request Credit	Search




Request Validation of Flight Activities

Accredited Activity Validation Request

* Indicates Required entry

* **Date Completed**  Use calendar or enter date as "mm/dd/yyyy"

* **Select Validator** [To Get Started](#) 

Use the tabs below to find your credit validator.
Under the Recent Validators tab, validators you have used in the past 60 days are selected by default.

Display all Validators used in the past under the Recent Validators tab.

Recent Validators | **Email** | **Find a Validator** | **Name**

No recent users have been found. Please use the search feature instead.

No user currently selected.

Once you have selected a validator, press the "Submit for Validation" button below.

[Submit for Validation](#)

Accredited Activity Information

Name: **ASEL-Takeoffs, Landings, Go-arounds (ATP, Comm'I, Pvt) Advanced Level** ([print friendly](#))

Credits: ?

Indicates the credit(s) can apply to your Current Phase of WINGS.
 Indicates the credit(s) may apply to a Future Phase of WINGS.

Basic WINGS
 1 Credit for Basic Flight Topic 1
Advanced WINGS
 1 Credit for Advanced Flight Topic 1

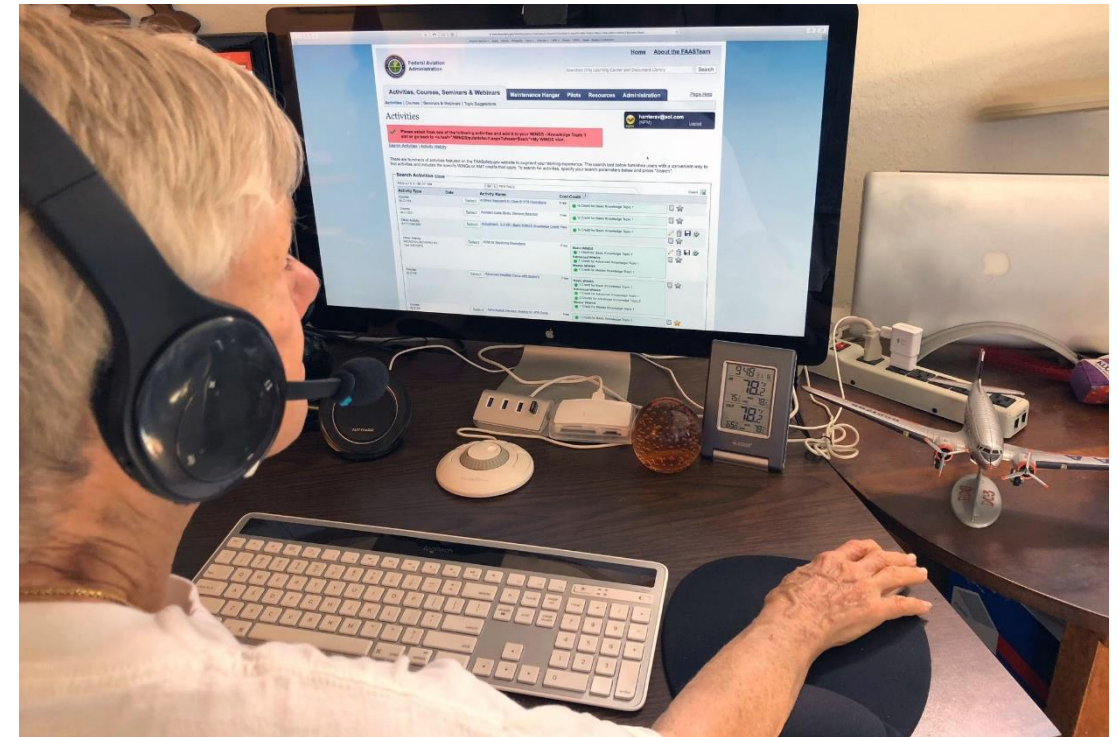
Activity Number: **A070405-89**

Syllabus: [S-BF1-W1.00-080123-002-01](#)
Takeoffs - Launches - Landings
[S-AF1-W1.00-091201-002-01](#)
Primary Accident Causal Factors - Category/Class Specific



Need help with *WINGS*?

- Contact your local *WINGS*Pro



FAASTeam Online Directory

 sbateman7799@gmail.com
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Enter a last name or keyword and click Search. You may also select a different Region before clicking Search. Sort the names by making a choice in the drop down menus from the Sort area and clicking Search. After your list appears, you may click on the name of any person or company in the directory to retrieve more information.

Last Name:

Keywords:

Region:

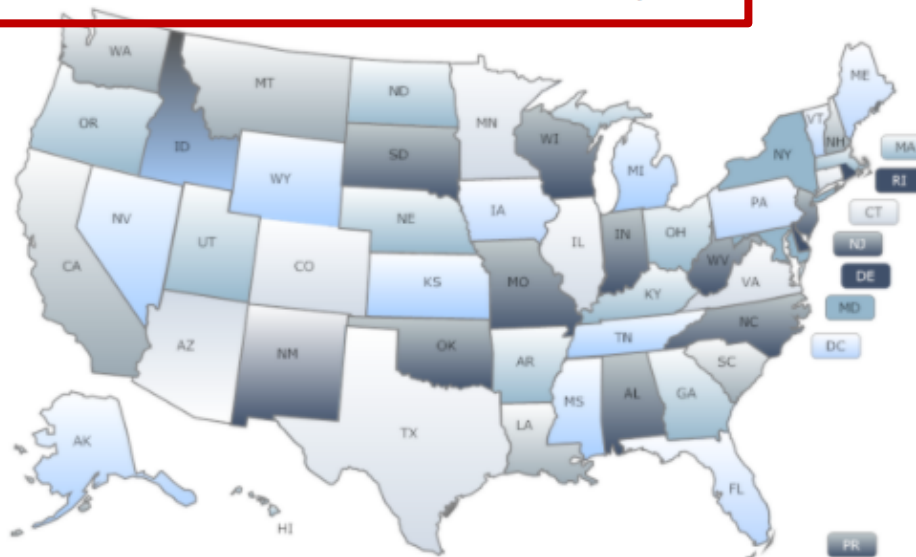
State:

Sort By:

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[Click a State to view find FAASTeam leaders by state.](#)



Find your WINGSPRO

RESULTS 1 - 4 OF 4.

PER PAGE

Name	Position	Status	Updated	Last Login
Stephen Bateman Frederick, MD 21702	FAASTeam Lead Representative Last Annual Training: 4/18/2020	Accepted	2/28/2021	
Robert K Gawler Gaithersburg, MD 20877	FAASTeam Lead Representative Last Annual Training: 4/18/2020	Accepted	12/8/2020	
Andrew Nicholas Riel Columbia, MD 21046	FAASTeam Representative Last Annual Training: 4/18/2020	Accepted	1/6/2020	
Randy Williams Edgewater, MD 21037	FAASTeam Representative Last Annual Training: 4/18/2020	Accepted	2/26/2019	

Proficiency Training Works

- Increases confidence
- Increases comfort
- Expands horizons
- Keeps us safe



Earning any *WINGS* phase qualifies for a Flight Review!



References

- **FAASafety.gov**
 - Information and enrollment for *WINGS* Pilot Proficiency Program
- **Off Airport Ops Guide**
 - Baseline performance determination examples
 - https://www.faasafety.gov/gslac/ALC/libview_normal.aspx?id=135893
- **Personal Minimums Development Guide**
 - https://www.faasafety.gov/gslac/ALC/lib_categoryview.aspx?categoryId=15&r_s=50&r_c=50
- **WINGS Information and Guidance**
 - https://faasafety.gov/gslac/ALC/lib_categoryview.aspx?categoryId=39



Next Month's ToM

Angle of Attack



Thank you for attending

- You are vital members of our GA safety community

