

# The Checklist Project

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## Objectives:

1. Reduce the number of general aviation accidents by increasing the use of checklists by pilots.
2. Increase awareness of the importance of effective checklist usage in general aviation.
3. Expand the use of checklists in general aviation to include up to fifteen phases of flight.
4. Provide guidance and tools necessary for pilots to update existing checklists and create additional checklists as appropriate.
5. Provide training in the effective use of checklists.

## Rationale:

Many general aviation accidents could be prevented by comprehensive checklist usage. A minority of general aviation pilots never use a checklist of any kind. Many more GA pilots use only rudimentary checklists and use them only as a before-takeoff check. Safety can be increased by assisting pilots in developing a package of comprehensive checklists for use in the kind of aircraft and kind of operations in which they are typically engaged. Pilots should be actively involved in the creation of the checklists rather than just having checklists provided. This will promote checklists better suited to the individual pilot, provide a better understanding of the aircraft systems and will promote buy-in on the part of the pilot.

## Scope:

Pilots will be encouraged to develop and use a comprehensive package of checklists specific to their aircraft and type of flying. The checklist package should include lists for:

Normal Operations: (Specific to the aircraft but including)

- Preflight planning
- Preflight inspection
- Before engine start
- Before taxi
- Before takeoff
- Climb
- Cruise
- Descent
- In-range
- Before landing
- After landing
- Shutdown
- Parking and securing
- Post flight inspection

Abnormal Operations: (Specific to the aircraft but including at least)

- Open door (cabin or baggage)
- Alternator offline
- Excessive electrical load
- High engine temperature
- Low oil pressure
- Unexpected fuel gage reading
- Inoperative wing flaps
- Malfunction of pitot or static instrument (VFR)

Emergency Operations (Specific to the aircraft but including at least)

- Fire or smoke
- Engine failure
- Engine running rough

### **The program:**

The program will consist of online resources and activities such as short courses, analysis of accidents that could have perhaps been avoided by better checklist utilization, templates for use in creating checklists, a project blog, and more. Additionally, a number of live seminars will be conducted at locations around the U.S. The number of live seminars will depend on the level of sponsorship received. A number of live webinars will also be presented. These seminars and webinars will be valid for FAA Wings credit and will be promoted through the FAA SPANS system plus press releases and other methods. Contingent upon funding, exhibits at trade shows and other aviation events are planned.

The launch date for the program is fall 2011. The program will continue for at least twelve months, but will likely be continued beyond fall of 2012 depending on pilot participation and sponsorship.

### **Budget and sponsorship:**

Exclusive of costs associated with doing live seminars, the estimated cost of developing and operating the program for the first twelve months is \$17,000. This includes costs associated with a dedicated website as well as doing live webinars and archiving them for later viewing. Sponsors are being recruited primarily from the aviation industry, but non-aviation companies are also welcome to participate.

## Sponsorship opportunities:

General sponsorship is available on the following levels:

Corporate Sponsorship Level	Amount	Features
Platinum	\$5000	Extra large logos featured on website, banners at live events, and other promotion material. Two (2) thirty second spots for company promotion during each live webinar. One 15 second promo to appear in each online course.
Gold	\$3000	Large logos featured on website, banners at live events, and other promotion material. One (1) thirty second spot for company promotion during each live webinar.
Silver	\$1500	Medium logos featured on website, banners at live events, and other promotion material.
Bronze	\$500	Small logos featured on website, banners at live events, and other promotion material.

Live seminar sponsorship (only one sponsor per event, but general sponsors will also be represented by banners, mentions by the speaker, and other methods as appropriate):

- Base fee of \$500 covers speaker's fee and arrangement for facility and equipment
- Additional fees as necessary for travel expenses, facility and equipment rental, chair rental etc.
- Estimated total average cost of one live seminar sponsorship is \$1500.

Individual Sponsorship Level	Amount	Features
Supporting	\$500	Golf shirt with project logo above the word "Sponsor", name listed as sponsor on website, during webinars, at live events and at exhibits
Contributing	\$250	Golf shirt with project logo above the word "Sponsor", name listed as sponsor on website and during webinars
Basic	\$100	Name listed as sponsor on website

For additional information, contact:

Gene Benson, Project Director  
[gene.benson@brightspotsafety.com](mailto:gene.benson@brightspotsafety.com)  
Office: 585-392-3068  
Mobile: 585-727-0968