

A CASE FOR USABILITY/USER AND EXPERIENCE SOLUTIONS

WHAT IT IS

Usability and user-experience research are critical to making sure that technological innovations work well in actual use. A user-centered approach tests all tools to ensure that they are easily used and don't distract from critical tasks. Properly designed products make it easier to fly safely and efficiently.

BUSINESS BENEFITS

- Enhanced safety and situational awareness
- Reduced stress among aviation workers
- Increased efficiency among flight crews and ground crews
- Better decision making
- Lower maintenance costs

USER-EXPERIENCE-BASED TOOLS

- Integrated cockpit avionics for reduced pilot workload
- Flight management systems to boost efficiency and safety
- Synthetic-vision products to improve in-flight visibility
- Collision avoidance systems to enhance safety
- Software-based alerts to lower the risk of runway incursions and excursions
- Advanced weather radar systems to improve flight decisions

90% of commercial air transport aircraft

and 70% of military aircraft use Honeywell's flight management systems.¹

26% improvement

in decision making was seen among pilots using IntuVue weather radar.²

70%–80% of airplane accidents

are due to human error.³

80% of aviation maintenance

errors involve human factors.⁴

1. <https://aerospace.honeywell.com/en/about-us>

2. <https://youtu.be/BhmYDCOGieE>

3. https://www.faa.gov/data_research/research/med_humanfacs/oamtechreports/2000s/media/0103.pdf

4. https://www.faa.gov/files/gslac/courses/content/258/1097/AMT_Handbook_Addendum_Human_Factors.pdf



KEY PRODUCTS

- Primus® Elite, Primus Epic® and Primus Apex® cockpit solutions
- BendixKing AeroVue™ Touch
- Next Generation Flight Management Systems (NGFMS)
- SmartRunway® and SmartLanding® software
- Aspire™ satellite communication systems
- SmartView® synthetic vision system
- HUD 2020 heads-up display
- Integrated Visual Guidance System
- IntuVue® RDR-7000 weather radar system
- GoDirect™ Flight Bag Pro application

WHY WORK WITH HONEYWELL

- More than 100 years in the aviation, defense and space industries
- On nearly every aircraft in the world, and serving 500 airports globally
- Unmatched ability to connect aircraft, airport and ground services
- Critical implementation capabilities in installation, training and support

Learn More

Learn more at our Usability and User Experience page:

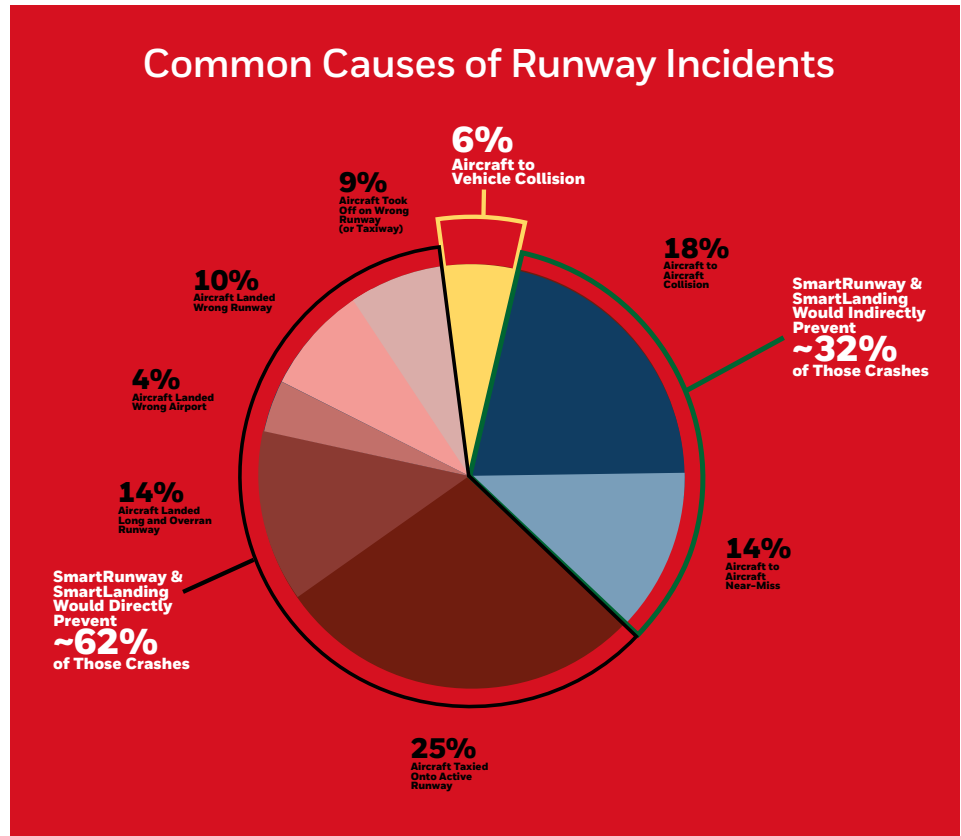
aerospace.honeywell.com/en/userexperience

Honeywell Aerospace

1944 East Sky Harbor Circle

Phoenix, AZ 85034

aerospace.honeywell.com



- A history of blending physical products and software to make more connected, efficient and productive solutions
- Analytics and software specialists focused on helping you take advantage of your data
- Preferred communications and network provider for top OEMs

**THE
FUTURE
IS
WHAT
WE
MAKE IT**

Honeywell