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Top 10 Most Challenging Airports in the U.S.*

Aspen-Pitkin County Airport (Aspen, Colorado)

- **Challenges:** Pilots flying into Aspen-Pitkin County Airport require special training as they face a steep approach path and must use a separate navigation aid if they need to pursue a missed approach. Furthermore, pilots land one direction and take off from the opposite direction using a single runway due to surrounding, mountainous terrain.
- **Honeywell Solutions:**
 - SmartView® Synthetic Vision System, Flight Preview and the Runway Awareness and Advisory System, including SmartRunway® and SmartLanding®, can help pilots prepare to land in this mountainous terrain.
 - The Weather Information Service app helps pilots land in inclement weather.
 - Honeywell also provides expertise and equipment to prevent the adverse impact of ice accumulation on aircraft flight surfaces and within engines.



GoDirect Flight Preview of Aspen, Colorado.

Laughlin/Bullhead International Airport (Bullhead City, Arizona)

- **Challenges:** Pilots landing at this west Arizona airport must navigate rapidly rising terrain and be aware of its high departure climb gradient performance requirements.
- **Honeywell Solutions:**
 - The Runway Awareness and Advisory System, including SmartRunway® and SmartLanding®, helps increase pilots' situational awareness and prepare for a challenging takeoff and landing.
 - GoDirect Flight Preview can also help pilots prepare for a difficult approach while the SmartView® Synthetic Vision System helps them navigate this airport's rapidly rising terrain.
 - The Weather Information Service app helps them land in all types of weather.



Bullhead City, Arizona

Bert Mooney Airport (Butte, Montana)

- **Challenges:** Nestled between Yellowstone and Glacier National Parks, Butte is a great outdoor destination, though pilots must navigate numerous obstructions flying into this airport. On top of that, there isn't a control tower making landing here even more challenging.
- **Honeywell Solutions:**
 - SmartView® Synthetic Vision System, Flight Preview and the Runway Awareness and Advisory System, including SmartRunway® and SmartLanding®, are crucial to help pilots prepare and navigate a difficult approach, especially when there's no control tower.
 - The Weather Information Service app can help them land in a winter storm.
 - Honeywell also provides expertise and equipment to prevent the adverse impacts of ice accumulation on aircraft flight surfaces and within engines.



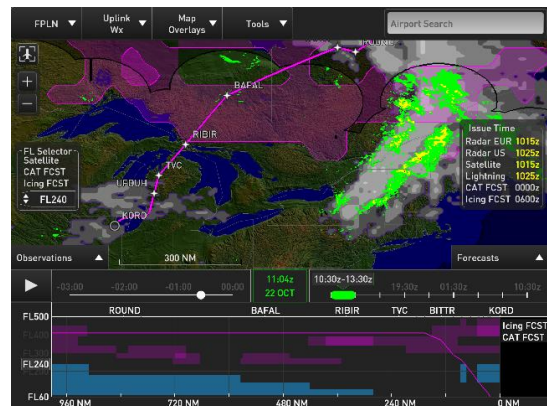
SmartView® Synthetic Vision System

Yellowstone Regional Airport (Cody, Wyoming)

- **Challenges:** While the beautiful mountains make Yellowstone a prime destination, the mountainous terrain surrounding this airport makes landing challenging for pilots, especially since there's no control tower. They also have no approach control and must pursue non-precision approaches only.

Honeywell Solutions:

- SmartView® Synthetic Vision System, Flight Preview and the Runway Awareness and Advisory System, including SmartRunway® and SmartLanding®, are crucial to help pilots prepare and navigate a difficult approach, especially when there's no control tower.
- The Weather Information Service app can help them land in a winter storm.
- Honeywell also provides expertise and equipment to prevent the adverse impacts of ice accumulation on aircraft flight surfaces and within engines.



Weather Information Service

Ronald Reagan Washington National Airport (Washington, D.C.)

- **Challenges:** While passengers get a great view of national monuments like the White House and the Pentagon during landing, pilots must dodge several no-fly zones located over D.C. and navigate a “River Visual” approach requiring a 30 to 40 degree turn close to the Potomac River to line up with the runway.
- **Honeywell Solutions:**
 - Required Navigation Performance provides a more precise approach to help pilots land.
 - GoDirect Flight Preview, SmartView® Synthetic Vision System and the Runway Awareness and Advisory System, including SmartRunway® and SmartLanding®, help pilots prepare for and navigate through no-fly zones and difficult approach paths.
 - The Weather Information Service app helps pilots land in a winter storm.
 - Honeywell also provides expertise and equipment to prevent the adverse impacts of ice accumulation on aircraft flight surfaces and within engines.



Ronald Reagan Washington National Airport

Juneau International Airport (Juneau, Alaska)

- **Challenges:** Ever since commercial air services to Juneau started in 1947, the mountainous terrain and surrounding valleys have made landing challenging for both commercial and business aviation pilots over the years.
- **Honeywell Solutions:**
 - Flight Preview can help pilots prepare for and get comfortable with a difficult approach before takeoff.
 - Required Navigation Performance, SmartView® Synthetic Vision System and the Runway Awareness and Advisory System, including SmartRunway® and SmartLanding®, help them navigate and land in mountainous terrain.
 - The Weather Information Service app helps pilots navigate through any winter storm.
 - Honeywell also provides expertise and equipment to prevent the adverse impacts of ice accumulation on aircraft flight surfaces and within engines.



Required Navigation Performance (RNP)

LaGuardia Airport (Queens, New York)

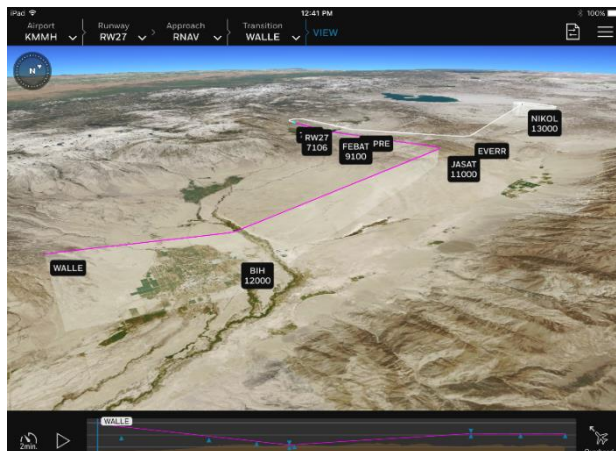
- **Challenges:** Though scheduled flights are limited to 1,500 miles, except for Denver and Saturday flights, LaGuardia's popular location creates a difficult and busy approach for pilots navigating multiple runways and jets landing in New York.
- **Honeywell Solutions:**
 - GoDirect Flight Preview and the Runway Awareness and Advisory System, including SmartRunway® and SmartLanding®, help pilots become more comfortable landing in a busy airspace.
 - SmartView® Synthetic Vision System and Required Navigation Performance help pilots navigate a difficult approach.
 - The Weather Information Service app helps them land in a winter storm.
 - Honeywell also provides expertise and equipment to prevent the adverse impacts of ice accumulation on aircraft flight surfaces and within engines.
 - In January 2009, Honeywell's Auxiliary Power Unit helped Captain Sullenberger land safely in the Hudson River providing the necessary power to execute this difficult, historical landing.



Flight path over LaGuardia Airport

Mammoth Yosemite Airport (Mammoth Lakes, California)

- **Challenges:** Mammoth Yosemite Airport is located on the side of a mountain in a box canyon creating a difficult approach, especially in mountainous weather conditions.
- **Honeywell Solutions:**
 - SmartView® Synthetic Vision System can help pilots fly into mountainous terrain in any weather condition.
 - GoDirect Flight Preview and the Runway Awareness and Advisory System, including SmartRunway® and SmartLanding®, help them get comfortable pursuing a difficult approach.
 - The Weather Information Service app helps pilots land in inclement weather.
 - Honeywell also provides expertise and equipment to prevent the adverse impacts of ice accumulation on aircraft flight surfaces and within engines.



Honeywell GoDirect Flight Preview runway approach into Mammoth Yosemite Airport

San Diego International Airport (San Diego)

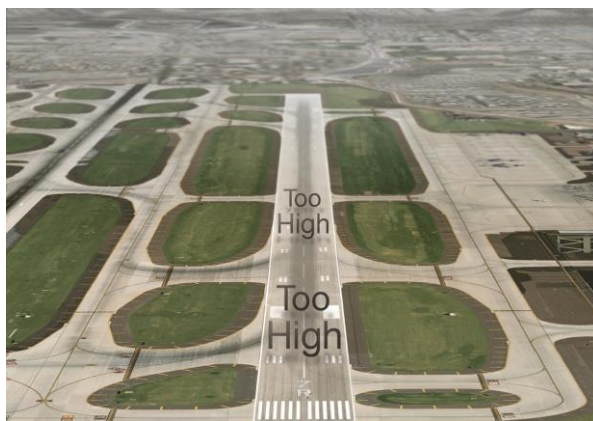
- **Challenges:** Flying into any busy airport can be challenging, but San Diego International's steep approach path that brings pilots over the city and strong tailwinds in the area create an even bigger landing challenge.
- **Honeywell Solutions:**
 - Required Navigation Performance helps pilots navigate a steep approach path.
 - Flight Preview and the Runway Awareness and Advisory System, including SmartRunway® and SmartLanding®, help them confidently prepare for and pursue a difficult approach.
 - SmartView® Synthetic Vision System and the Weather Information Service app help pilots navigate a busy airspace in any weather condition.



San Diego International Airport

Telluride Regional Airport (Telluride, Colorado)

- **Challenges:** Telluride is the highest commercial airport in the U.S. Mountainous terrain creates an especially difficult approach for pilots landing here.
- **Honeywell Solutions:**
 - GoDirect Flight Preview can help pilots prepare for a difficult approach in high elevation.
 - SmartView® Synthetic Vision System and the Weather Information Service app help them navigate mountainous terrain in snow or sunshine.
 - The Runway Awareness and Advisory System, including SmartRunway® and SmartLanding®, is also beneficial for increasing situational awareness in areas with multiple obstacles.
 - Honeywell also provides expertise and equipment to prevent the adverse impacts of ice accumulation on aircraft flight surfaces and within engines.



SmartRunway® and SmartLanding® demonstration

** Honeywell selected a combination of special qualification airports from the Federal Aviation Administration and airports that Honeywell's experts and pilots find challenging.*