

RUNWAY SAFETY

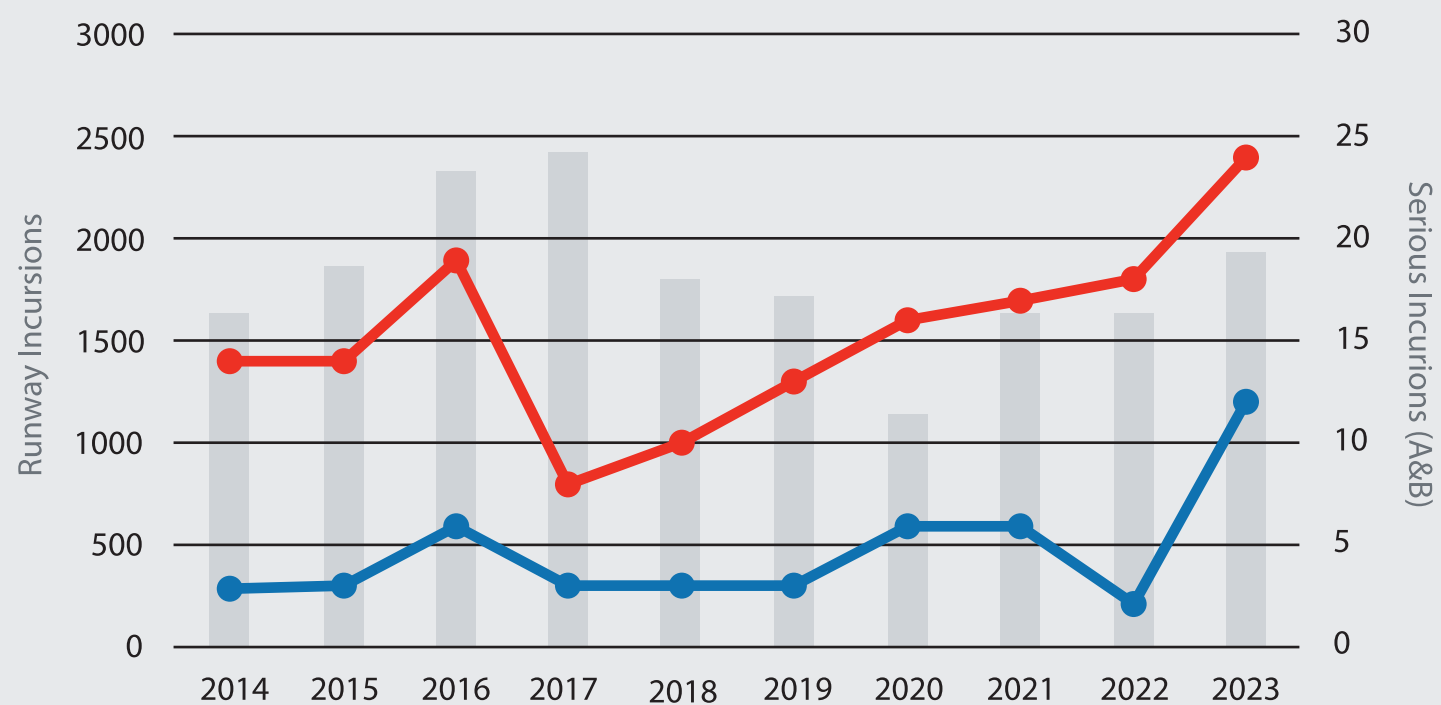


FLYING

is still one of the **safest** travel methods.

Despite the overall safety, there has been a **significant increase in runway safety incidents** and accidents since 2022

The aviation industry, including passengers, lawmakers, OEMs, and airlines, must take this uptick seriously and act to **prevent future incidents and accidents**



2023 TOTALS	1931 Runway Incursions	24 Serious Total	12 ATR Only Serious
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Runway Surface Alerts (SURF-A) provide pilots warnings about impending collision on the runway.

Empowering pilots to make quicker decisions and avoid runway incidents.

16 **23**

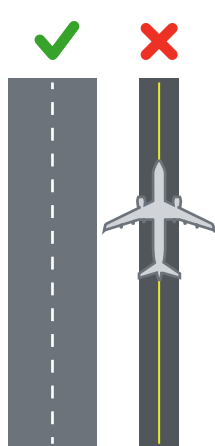
runway incidents in the US in 2022

runway incidents in the US in 2023

RUNWAY SAFETY AREAS OF CONCERN

Wrong Surface Operations

occur when pilots mistakenly attempt takeoff or landing on a taxiway instead of a runway.



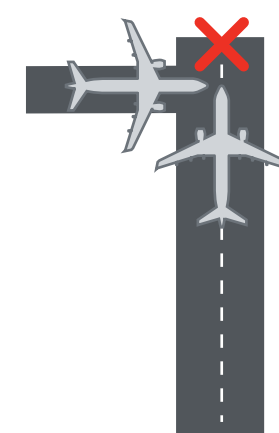
Runway Excursions

occur when an aircraft veers off or lands off the end of a runway.



Runway Incursions

occur when an aircraft collides with another aircraft or ground vehicle.



NEW HONEYWELL AEROSPACE SAFETY TECHNOLOGY WILL REDUCE COSTLY AND SOMETIMES FATAL RUNWAY COLLISIONS



SURF-A breaks the chain of events that can lead to runway incursions.

Available today, **Smart-X** breaks the chain for runway excursions and wrong surface operations.



Aircraft position data



Algorithm provides early alerts



Increased situational awareness

AMONG THE LATEST SAFETY-FOCUSED BREAKTHROUGHS AND INVENTIONS THAT HONEYWELL HAS DELIVERED TO THE AEROSPACE INDUSTRY.