

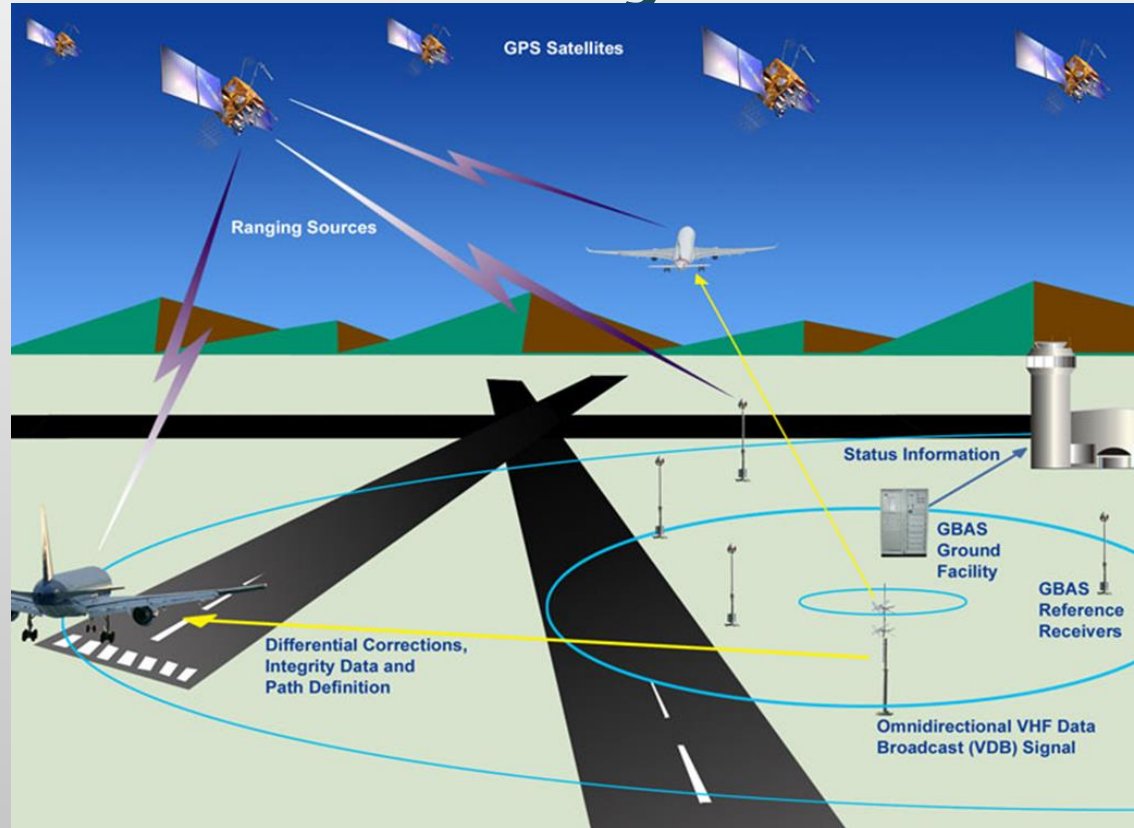
Ground Based Augmentation System (GBAS)

GBAS Location



Seattle Tacoma International Airport Site Map

GBAS System



How it works

Instrument Landing System (ILS)

- First installed in 1940
- ILS is a combination of radio signals and lighting systems that provide horizontal and vertical guidance.



DC-3's carried 75% of passengers in 1940

Why GBAS? Why Now?

- A proven technology.
- Existing Instrument Landing System is affected by objects in close proximity, GBAS does not have this limitation.
- Aircraft increasingly come equipped with GBAS Landing System technology.
- Airlines want GBAS.
- FAA Air Traffic Control Tower endorses GBAS installation.
- Free upgrade by Honeywell leverages the Port's investment.
- Future environmental benefits.

Keep current with technology