

WE HATE FOD!!

**Houston Airport
System's
FOD Control Program**

**Thomas B. Bartlett
Chief Operating Officer**

HOUSTON AIRPORT SYSTEM

- Comprised of 3 airports:
 - Bush Intercontinental Airport (IAH)
 - William P. Hobby Airport (HOU)
 - Ellington Field (EFD)
- 6th largest airport system in world
 - 4th largest system in US
 - IAH 9th busiest US airport
- 2006: >51 million passengers
 - >968,000 flight operations

CONTENT

- **Training Program**
- **Construction Safety Program**
- **Airport Self-inspection Program**
- **Airline and Tenant interaction**
- **Wildlife mitigation**
- **Future**
- **Ellington Field Tour**

REFERENCES

- **Title 14, Code of Federal Regulations, Part 139
Certification of Airports**
- **AC 150/5200-18C Airport Safety Self-inspection**
- **AC 150/5200-32A Reporting Wildlife Aircraft Strikes**
- **AC 150/5200-33A Hazardous Wildlife Attractants**
- **AC 150/5370-2E Operational Safety on Airports
During Construction**
- **AC 150/5380-5B Debris Hazards at Civil Airports**

TRAINING PROGRAM

- **AOA Driver Training**
 - initial and recurrent training
- **Airport ID badge process**
- **FAR 139 training program**
- **AAAE ASOS/ACE (Operations) curriculum**

CONSTRUCTION SAFETY PROGRAM

- **Pre-construction kick-off meeting**
- **Construction Safety Plan**
 - haul route, site cleanliness, fencing, FOD sweeper requirement, FOD checkpoint
- **Airport Operations coordination and liaison (oversight of field activity)**
- **Daily project coordination meeting**
- **Weekly / bi-weekly project status meeting**

SELF-INSPECTION PROGRAM

- **Performed during each shift**
- **Airside Officer: AOA movement & non-movement areas**
- **Landside Officer: perimeter**
- **Weekly special inspection of runway/taxiway and safety areas**
- **Rubber removal every 2 months**
- **Airport management inspection**

SELF-INSPECTION CONT'D

- **Special inspection prior to opening / re-opening taxiway or runway due to construction**
- **Special inspection after incident**
- **Document maintenance requirements in CMMS**
 - **coordinate repairs / maintenance in weekly meeting**
 - **reviewed by FAA inspector during annual inspection**

AIRLINE & TENANT INTERACTION

- **Monthly airport management and airline station manager meeting**
- **FOD committee**
- **Bi-monthly tenant committee meeting**
- **Daily airline operations meeting**
- **Ride-along: ramp inspection, runway inspection**
- **Spring clean-up, FOD barrels, covered dumpsters**

WILDLIFE MITIGATION

- **Wildlife/Forestry consultant support to HAS**
- **Variety of wildlife hazards: birds, nutria, deer, alligators, coyotes, bats, jack rabbits, dogs/cats, skunks, turtles**
- **Mitigation efforts: bird bangars, mowing, eliminate areas of standing water, rabbit depredation, animal relocation**
- **Strike reports (HAS consolidated)**
 - 2006: 50 filed ▶ 3 damaged acft >\$80K damage**
 - 2007: 32 filed ▶ 0 acft damaged**

FUTURE

- **Establish Safety Management System (SMS) program (ICAO / FAA requirement)**
 - **timeline pending FAA guidance**
 - **supplement FAR 139 Self-inspection**
 - **incorporate Risk Management process**
- **Revise policy and procedures program in HAS**
 - **D2020 project team reviewing current program**
 - **goal is to simplify; eliminate duplication**
 - **target date for implementing new program 04/08**

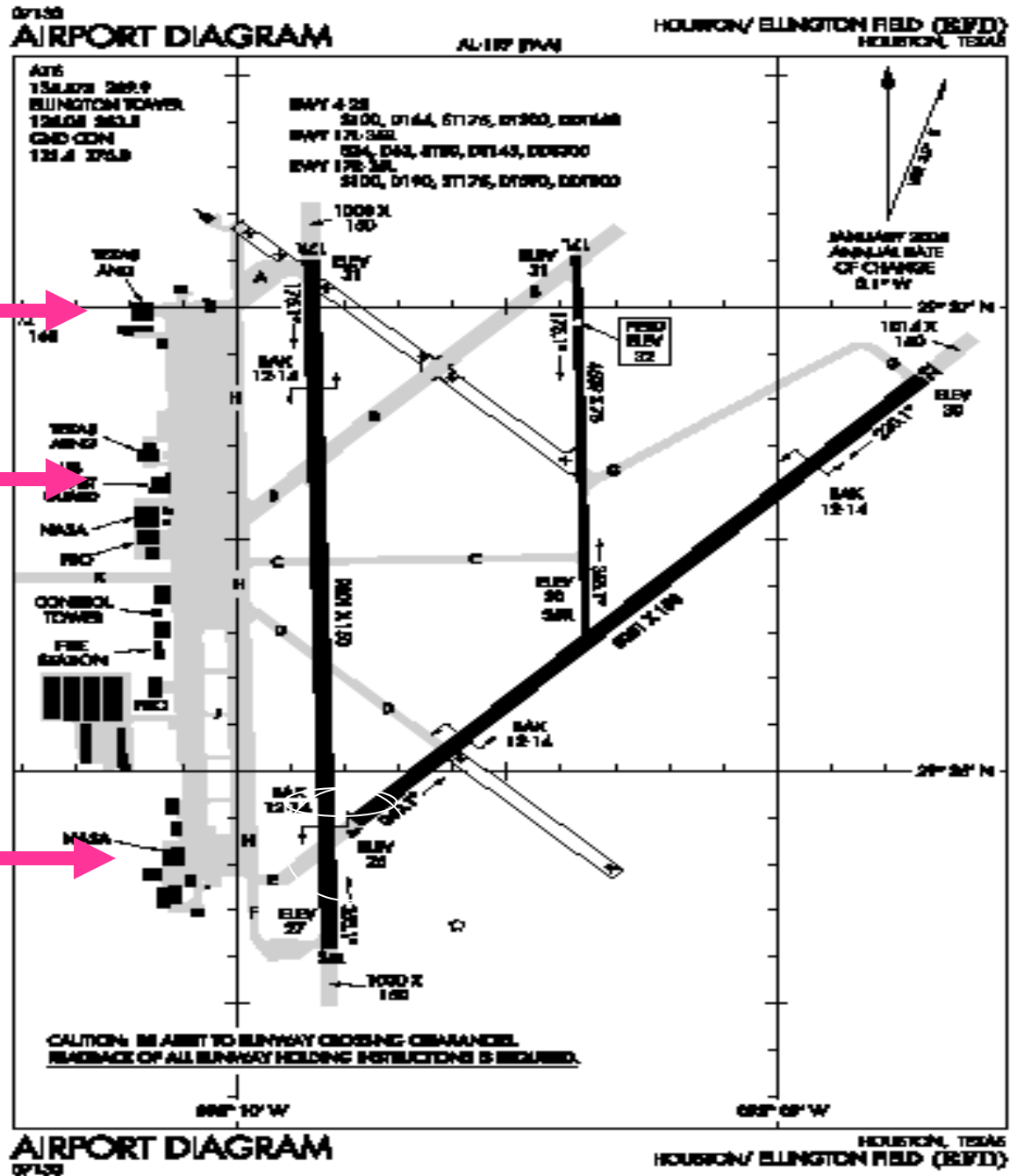
ELLINGTON FIELD TOUR

147th ANG

USCG

30 MINUTES
STOPS

NASA



QUESTIONS ???



ELLINGTON FIELD