



F.O.D. Prevention Program

F.O.D. Program Vision



To establish a F.O.D. Committee that addresses and resolves F.O.D. issues to establish a culture of safety and awareness that promotes a zero-tolerance policy for airfield F.O.D. through team member training, education, and commitment.

F.O.D. Prevention Program



- Supports vision of SMS
- 95-100% F.O.D-free airfield
- F.O.D. Committee
- Structured program
- Incentives and Awards

F.O.D. Prevention Program



TWO parts to the F.O.D. Prevention Program

- 1. F.O.D. Inspections**
- 2. F.O.D. Squad Walks**

**Both parts contribute to a
scoring system**

FOD Inspections



Inspection of

- each airline gate area
- every FBO ramp
- every air cargo ramp

FOD Inspections

Encourage tenants to attend inspection



FOD Inspections



Scoring Matrix

- 0 pieces of FOD = 100%
- 1-2 pieces of FOD = 90%
- 3-4 pieces of FOD = 75%
- 5 or more pieces of FOD = 50%

Ranking and Leaderboard



SAN ANTONIO AIRPORT SYSTEM



SAT FOD Inspection Report



Wednesday, July 29, 2009

Rankings

<i>Airline</i>	<i>Summer 2008</i>	<i>Spring 2009</i>	<i>Annual Average</i>
AirTran	96.57 %	94.56 %	95.57 %
American	97.67 %	68.75 %	83.21 %
Continental	98.69 %	91.96 %	95.33 %
Delta	98.41 %	85.51 %	91.96 %
Frontier	94.94 %	92.53 %	93.74 %
Mexicana	86.93 %	81.13 %	84.03 %
Southwest	91.23 %	89.93 %	90.58 %
United	96.47 %	86.5 %	91.49 %
USAirways	97.9 %	91.5 %	94.7 %

Rankings

<i>Cargo</i>	<i>Summer 2008</i>	<i>Spring 2009</i>	<i>Annual Average</i>
DHL	87.86 %	87.69 %	87.78 %
FedEx	96.19 %	96.92 %	96.56 %
UPS	97.5 %	98.46 %	97.98 %

Rankings

<i>FBO</i>	<i>Summer 2008</i>	<i>Spring 2009</i>	<i>Annual Average</i>
Landmark	97.39 %	94.31 %	95.85 %
MillionAire	100 %	95.77 %	97.88 %
Nayak	99.55 %	91.88 %	95.71 %
Signature	100 %	97.93 %	98.96 %

- Scores are kept in database
- Scores issued after every FOD Inspection
- Increases competitiveness

FOD Inspections



Additional Points to increase Score

- Attend FOD Committee meetings (add 1% to score)
- Attend Scheduled FOD Squad Walks (add 1% per participant)
- Announce unscheduled FOD Squad Walks (add 1% to score)



**F.O.D.
COMMITTEE**

One Representative
per organization

**F.O.D.
SQUAD**

Many Representatives
per organization



F.O.D. COMMITTEE

- Meets monthly
- Managers from airlines, FBOs, air cargo, SAT
- Sets Policy for F.O.D. Program
- Participate in FOD Squad Walks



F.O.D. SQUAD

- Meet at FOD Squad Walks
- Staff from airlines, FBOs, air cargo, SAT
- Receive points at FOD Squad Walks for their organization

Campaign Implementation



- **August 2008:** Distribute F.O.D. Cans
- **August 2008:** Conduct F.O.D. Hazard Assessments
- **August 2008:** 1st F.O.D. Committee
- **February 2009:** 6-month Award Ceremony
- **September 2009:** 6-month and Annual Award Ceremony

Summer 2008 campaign begins



DON'T FEED THE ENGINES

SUMMER 08

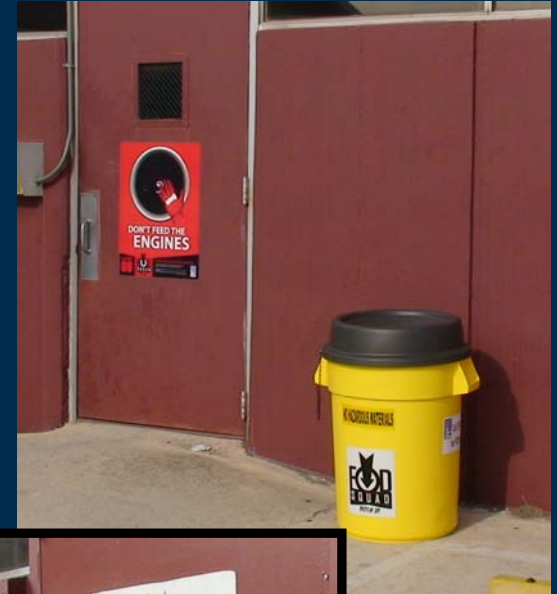
FOD SQUAD

PITCH BY

SECURE YOUR AREA! RETRIEVE YOUR FOD!

FOD-related damage costs the aerospace industry billions of dollars in financial losses, injuries and deaths every year.

Foreign Object Debris (FOD) - An object, solid or liquid, that is a safety hazard to aircraft operations. FOD is a major cause of aircraft damage and is a leading cause of aircraft accidents. FOD is a major cause of aircraft damage and is a leading cause of aircraft accidents. FOD is a major cause of aircraft damage and is a leading cause of aircraft accidents.

A small version of the San Antonio Airport System logo located in the bottom right corner of the poster.

F.O.D. Program promotional



front



side

F.O.D. Program promotional



1 color (black)



3 color (white, black, orange)

F.O.D. Program promotional



F.O.D. Program Rewards



Awards and Recognition

Every 6 months

- Cargo Winner, Airline Winner, FBO Winner
- Start new campaign

Every year

- 6 month campaign winners (airline, cargo, FBO)
- Annual winner (airline, cargo, FBO)
- Start new campaign

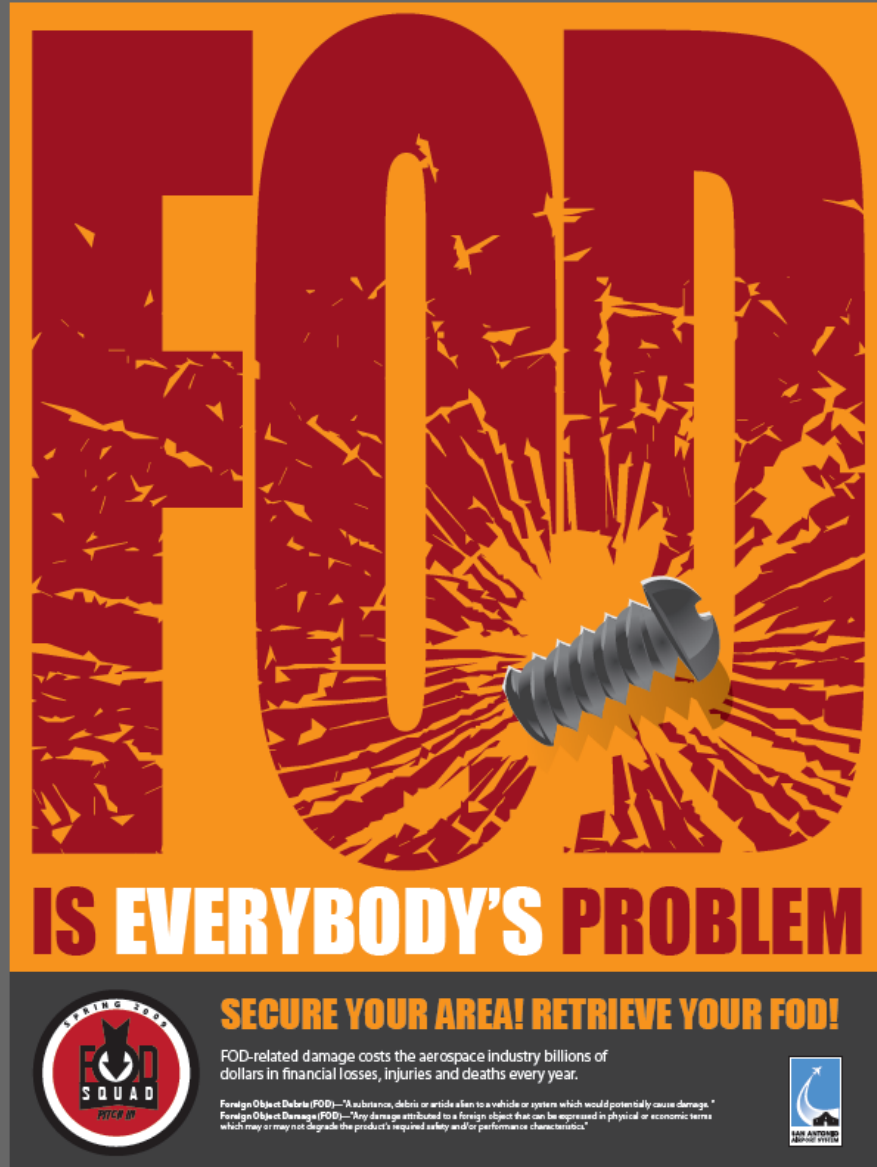
Summer 2008 Awards Ceremony- February 17, 2009



Awards were given to first and second place. First place received a trophy, second place received a paper certificate.



Spring 2009 Campaign begins



FOD


IS EVERYBODY'S PROBLEM

SPRING 2009 FOD SQUAD

SECURE YOUR AREA! RETRIEVE YOUR FOD!

FOD-related damage costs the aerospace industry billions of dollars in financial losses, injuries and deaths every year.

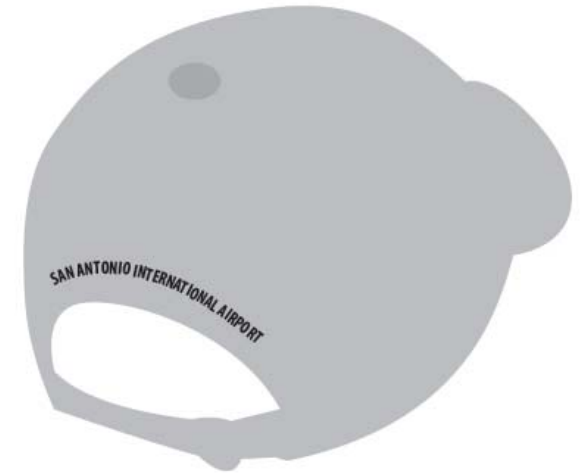
Foreign Object Debris (FOD)—"A substance, debris or article alien to a vehicle or system which would potentially cause damage."
Foreign Object Damage (FOD)—"Any damage attributed to a foreign object that can be expressed in physical or economic terms which may or may not degrade the product's required safety and/or performance characteristics."



Spring 2009 FOD
Camping Poster

Contest for Spring
2010 poster

Spring 2009 Campaign begins





SAN ANTONIO
AIRPORT SYSTEM



3.5"

1 color (red)



2 color (black, red)



SAN ANTONIO
AIRPORT SYSTEM



FOD Squad Walks



- Scheduled: notice emailed two weeks in advance
- Airline, FBOs, Air Cargo, SAT
- Lasts one hour start to finish
- Operations coordinates

FOD Squad Walks



Operations coordinates

- Transportation to/from location
- Closure/control/safety of location
- Trash bags, ear plugs, gloves, safety vests
- Incentives (food, shirts/caps, grabbers, **Gold FOD piece = \$20 gift certificate**)

FOD Squad Walks

Location



Incentive No. 1: points per participant

FOD Squad buses: sign-in sheet



Incentive No. 2: Food



Food stand
(tacos, donuts,
snow cones,
depends on time
of year)



Incentive No. 3: Gift Certificates

Gold FOD piece



Incentive No. 4: T-shirt or Cap



- Turn in FOD bags
- Get either T-shirt or Cap



FOD Squad Walks

- FOD Squad group picture-a growing tradition
- Turnout has increased every time





- FOD SQUAD WALK VIDEO



FOD Prevention Program Results



- Preventing FOD accumulations
- Increased awareness of airside FOD
- Participation from airlines, FBOs, Air Cargo
- Increased communication with stakeholders
- Cleaner gates, ramps, and airfield areas
- Recognized by other airports
- Proactive approach to SMS
- Increase success of implementing SMS

QUESTIONS?



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