

F.O.D

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F.O.D FOCUS



- What is FOD?**
- Areas of greatest FOD concerns.**
- What are the requirements for mitigating damage?**
- Consequences of FOD**
- Conclusion**

WHAT IS F.O.D



FOD DEFINED

- Foreign Object Damage :
- Foreign Object Debris :



FOD is an aviation term used to describe debris on or around an aircraft or damage done to an aircraft.

Most importantly, FOD is preventable.

EXAMPLES OF F.O.D

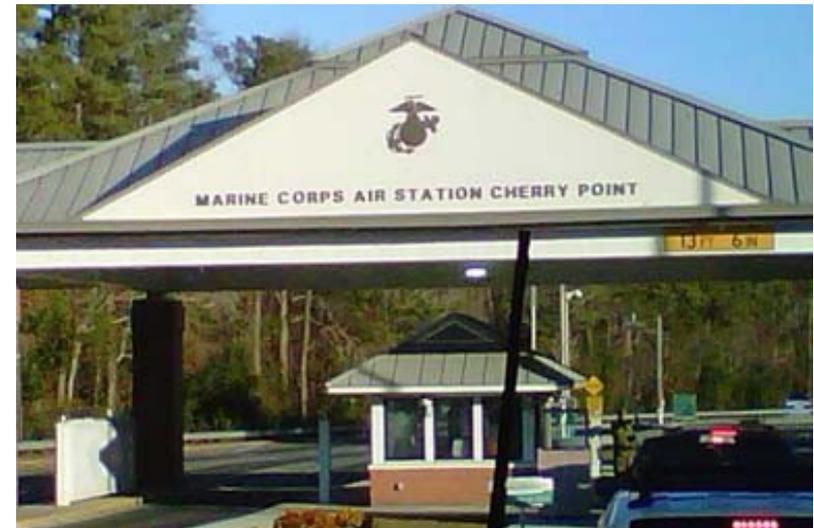


- **FOD includes loose hardware, tools, parts, pavement fragments, building materials, rocks, sand, pens, coins, badges, hats, cans, paper clips, rags, trash and paperwork.**
- **Anything that can find it's way into an aircraft engine, flight control mechanism, or strike an aircraft is a recipe for foreign object damage.**

EXAMPLES OF F.O.D (Continued)



Areas of Greatest FOD Concerns



Areas of Greatest FOD Concerns (Continued)



What are the requirements for mitigating FOD?



WING ORDER 3715.1B AND AIR STATION ORDER 3715.1B

FOREIGN OBJECT DAMAGE (FOD) PREVENTION PROGRAM

EM 385-1-1 SECTION 32 *Airfield and Aircraft operations*

What are the requirements for mitigating FOD?



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Consequences of FOD



- Potential of injury and loss of life- both aircrew and collaterally on the ground!

Aircraft Damage:

Tire/Landing Gear Damage



Engine Damage/Destruction



External Aircraft Damage



Consequences of FOD (Continued)



Consequences of FOD (Continued)



Conclusion



- **FOD Prevention measures are a Contract Requirement**
- **Prevention of FOD could save millions of dollars in FOD related Aircraft and Property damage each year.**
- **FOD Prevention SAVES Lives.**
- **FOD IS Preventable.**