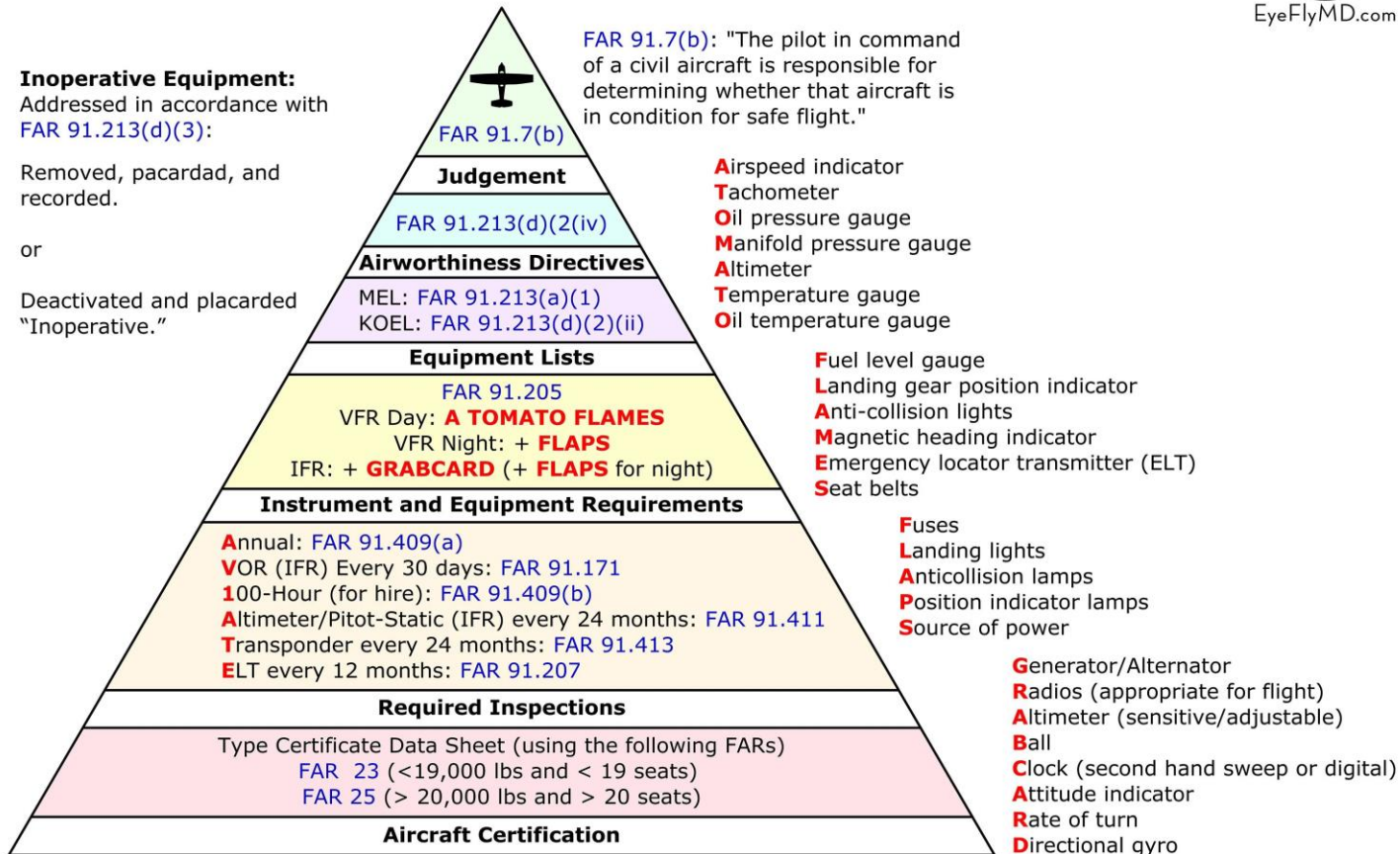




Zahtevi za plovidbenost, FS

Karan David II-10

Guide to Airworthiness



The reason a Minimum Equipment List (MEL) or Type Certificate Data Sheet (TCDS) doesn't include things like "two (2) wings" is because they are certificated under Part 23 or 25 which specifies performance and aerodynamic properties.
The FARs, including Part 23, commenced on February 1, 1965 so older aircraft (e.g. C172, C150) were actually certificated under the older US Civil Air Regulations.

- Zahtevi za plovidbenost U EASA CS-25*:
 - Stabilnost
 - Aerodinamičke performanse
 - Kontrola leta
 - Navigacija

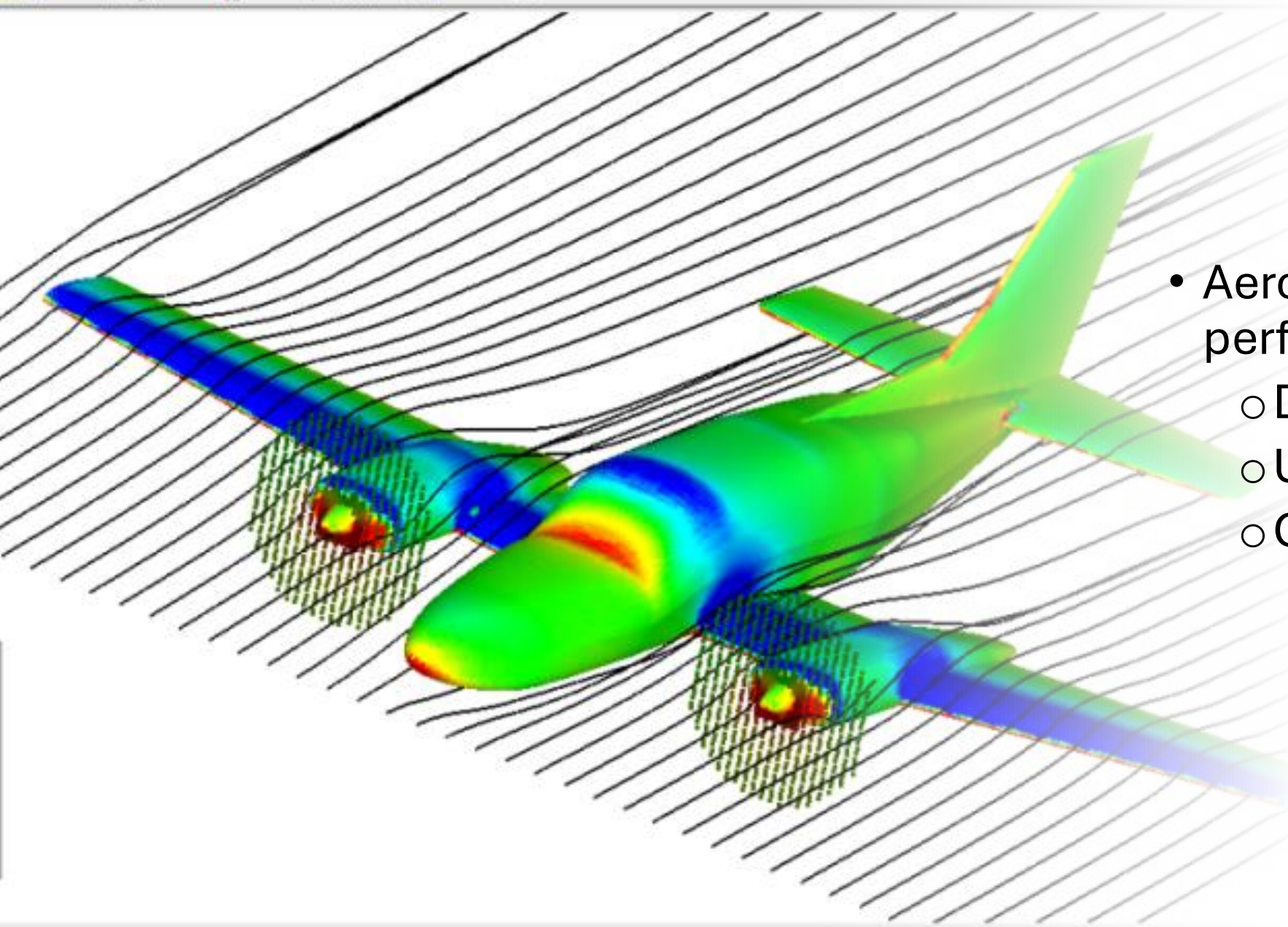
Static Stability vs. Dynamic Stability

- Stabilnost:
 - Definicija*
 - Služi za*
 - Statička*
 - Dinamička*



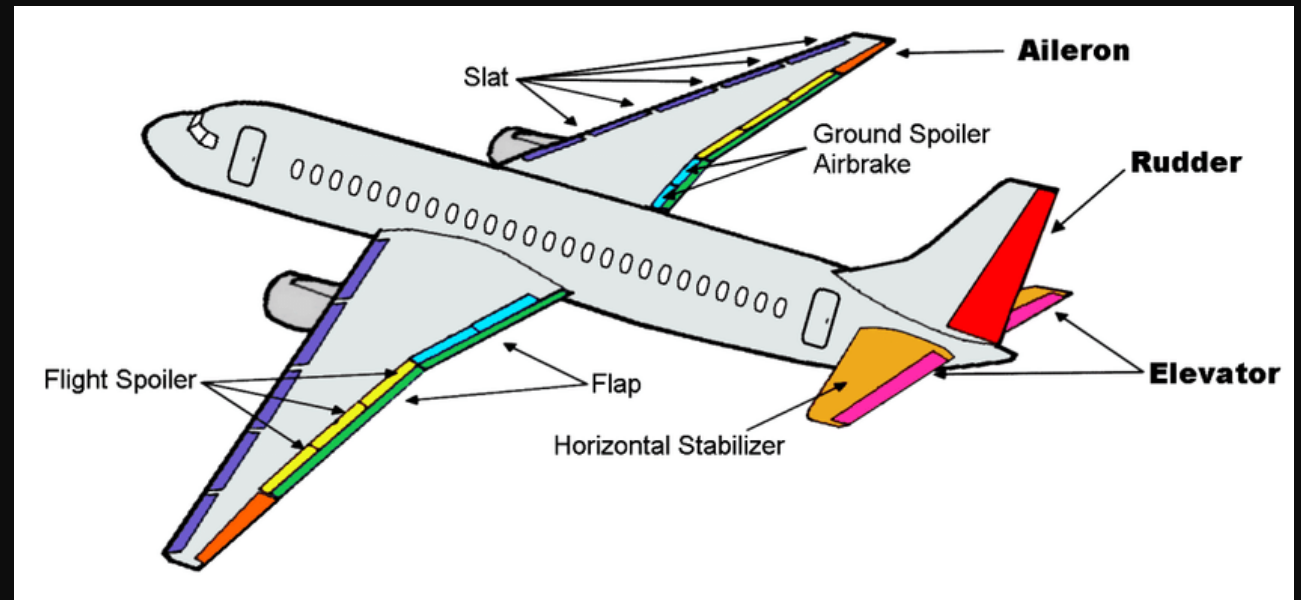
Static stability refers to how quickly it returns to its original state without taking into account time. This pertains to factors like pitch, roll, and yaw.

Dynamic stability takes into consideration the changes over time as the aircraft returns to its equilibrium state. It focuses on the rate, magnitude, and nature of the oscillations that occur during this process.



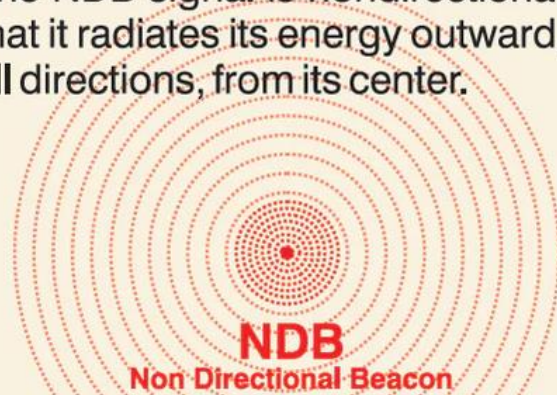
- Aerodinamičke performanse:
 - Definicija*
 - Uzgon*
 - Otpor*
 - Parazitski
 - Inducirani

- Kontrola leta:
 - Definicija*
 - Elementi:
 - Automatski piloti*
 - Kontrolni sistemi*:
 - Mehanički,
Električni, Pomoćni
 - Upravljačke površine*:
 - Ailerons, Elevators,
Rudder



NDB AND VOR SIGNAL DIRECTIONS

The NDB signal is nondirectional in that it radiates its energy outward, in all directions, from its center.



VORs, on the other hand, are designed to radiate electromagnetic radiation by a reference and a variable phase signal so that 360 specific "directional" radials are identifiable.

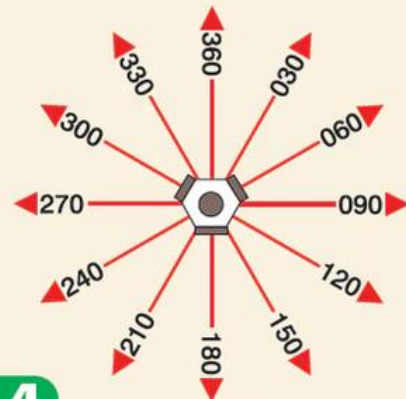


Fig. 4

VOR

Very high frequency Omnidirectional Range

- Navigacija:
 - Definicija*
 - Navigacijski sistemi*:
 - GPS*,INS*,VOR*
 - Instrumenti za navigaciju*:
 - Airspeed Indicator, Altimeter, Heading Indicator
 - Zahtevi za redundanciju*:
 - Dizajn sa višestrukim redundantnim komponentama*
 - Automatsko prebacivanje*

- Fuselage Station
 - Definicija*
 - Numerisanje*
 - EASA CS-25 zahtevi za:
 - Stabilnost*
 - Otpornost na opterećenja*

