











Outlines

African Flight Procedure Programme (AFPP)

- 1. General
- 2. Visual Segment Surface
- 3. VSS managment

General



African Flight Procedure Programme (AFPP)

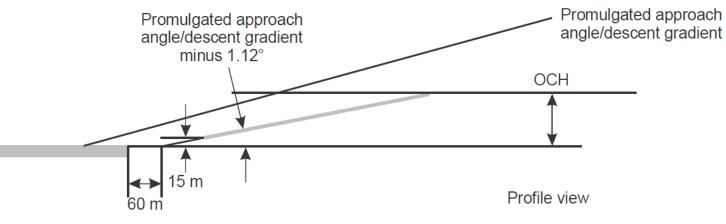
- □ Except ILS Cat. 3, no final approach segment is guided down to the runway:
 - Existence of a visual segment either after the MAPt or the DA/H.
 - This segment shall be protected.
- ☐ ICAO VSS provision:
 - Doc. 8168, vol. 2, § 5.4.6.1 "All new straight-in instrument approach procedures published on or after 15 March 2007 shall be protected for obstacles in the visual segment. For this purpose no obstacles, except subject to 5.4.6.4, shall penetrate a Visual Segment Surface (VSS)..."

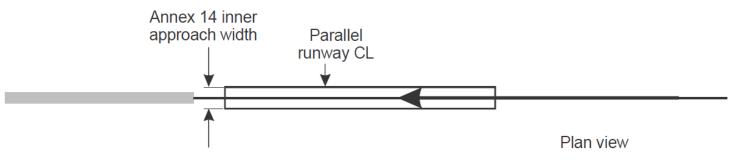


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VSS for procedures with LOC or localizer look-alike

LOC only, APV I, PA

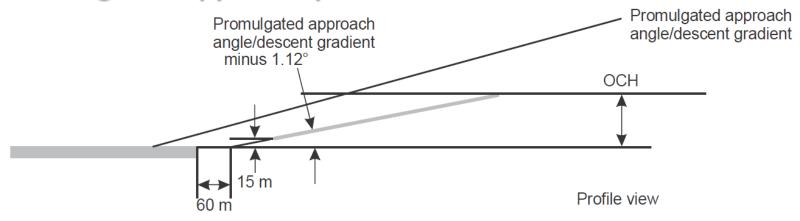


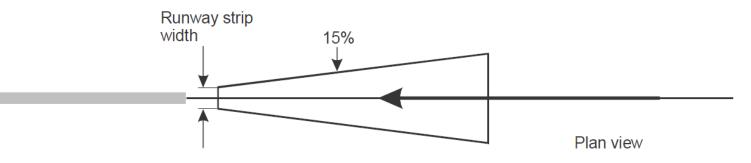




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VSS for other straight-in approach procedures

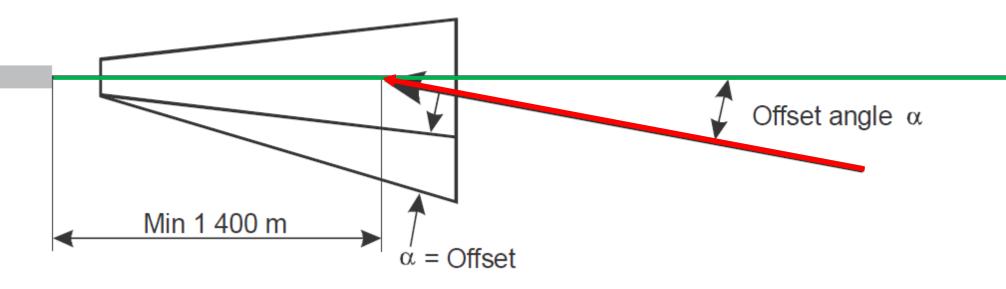






African Flight Procedure Programme (AFPP)

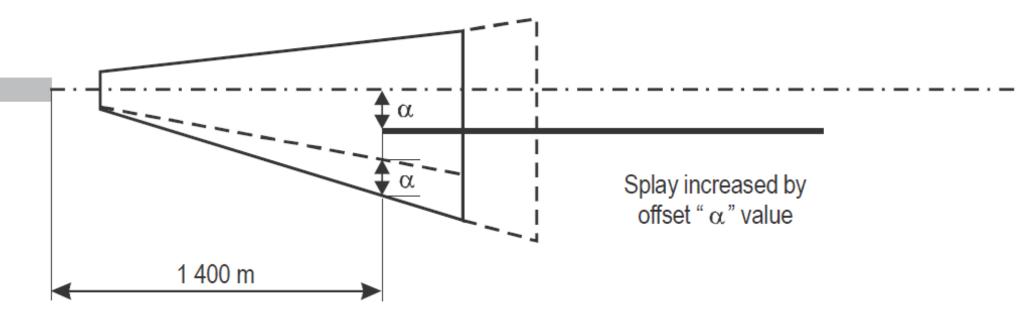
VSS for other straight-in approach procedures: offset final approach





African Flight Procedure Programme (AFPP)

VSS for other straight-in approach procedures: offset final approach parallel to runway centre line





VSS managment

African Flight Procedure Programme (AFPP)

- ☐ If VSS is penetrated:
 - Aeronautical study;
 - Mitigation actions to be taken:
 - Removal or lowering of the obstacle;
 - Increase of the descent angle/gradient;
 - Displacement of the runway threshold.
 - Any VSS penetration depicted on the instrument approach chart.
- Obstacles with height < 15 m above threshold may be ignored as well as temporary moving obstacles (aircraft, etc.).

