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Update on **AC 150/5390-2D *Heliport Design***

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Purpose of the Heliports Design AC

To provide a comprehensive guide on heliport design to heliport owners and operators for all types of heliports.



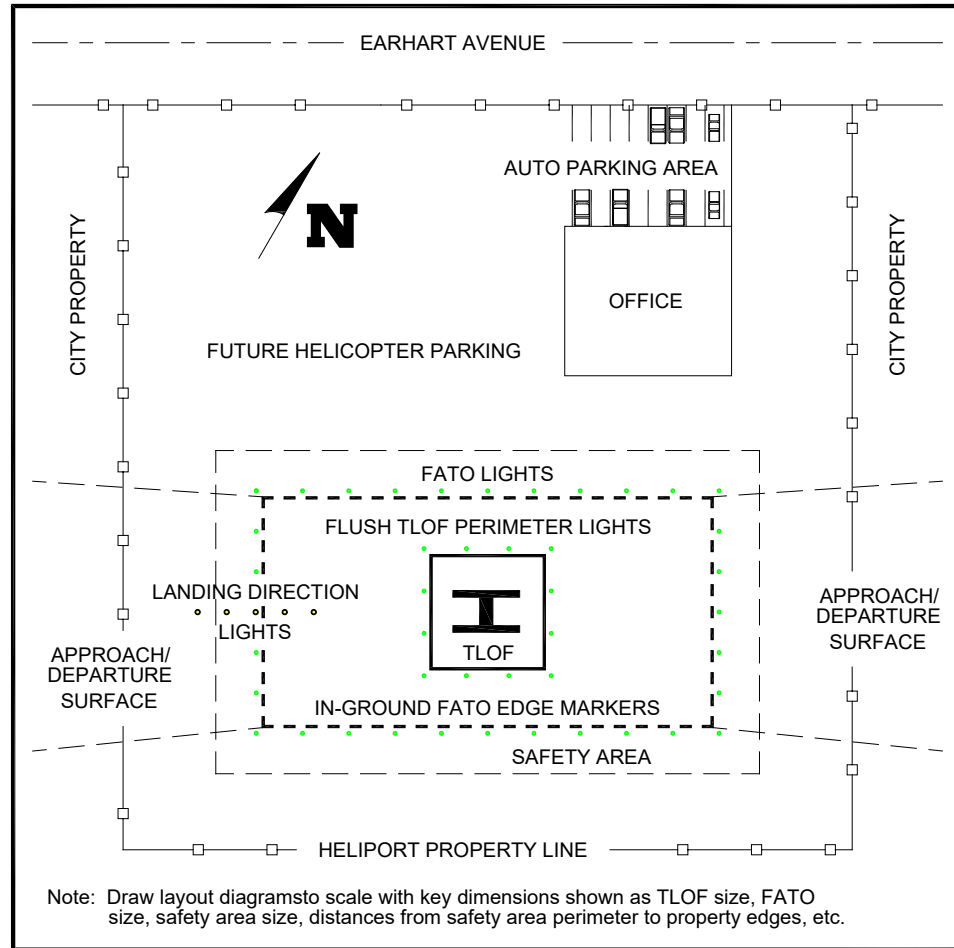
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Summary of Changes to Heliports AC

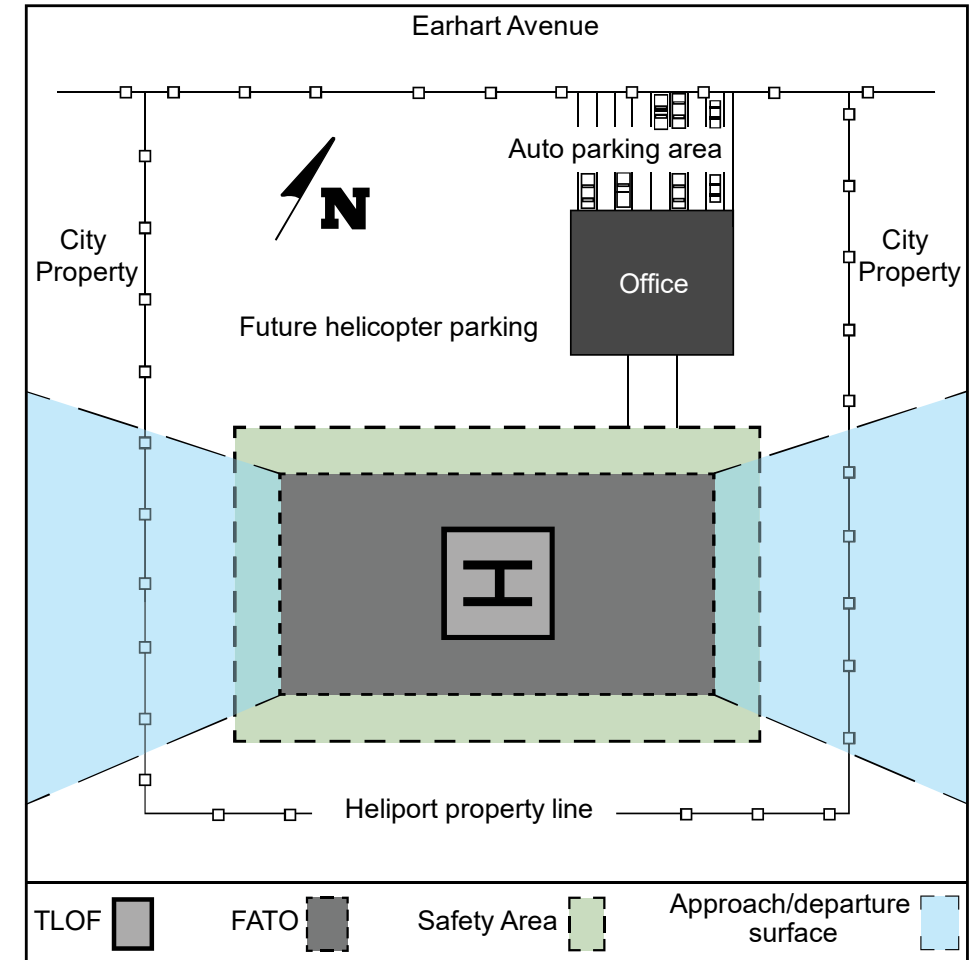
1. Separate chapters on General Aviation, Transport and Hospital Heliports are now consolidated into one chapter
2. Clarify guidance with respect to Heliport Protection Zone and Extended FATO
3. Add separate chapters for Taxiways / Heliport Marking and Lighting
4. Improve figures
5. Include Hyperlinks

Enhanced/Simplified Figures

Current AC figure



New AC figure



Example of Consolidated Figures and Tables

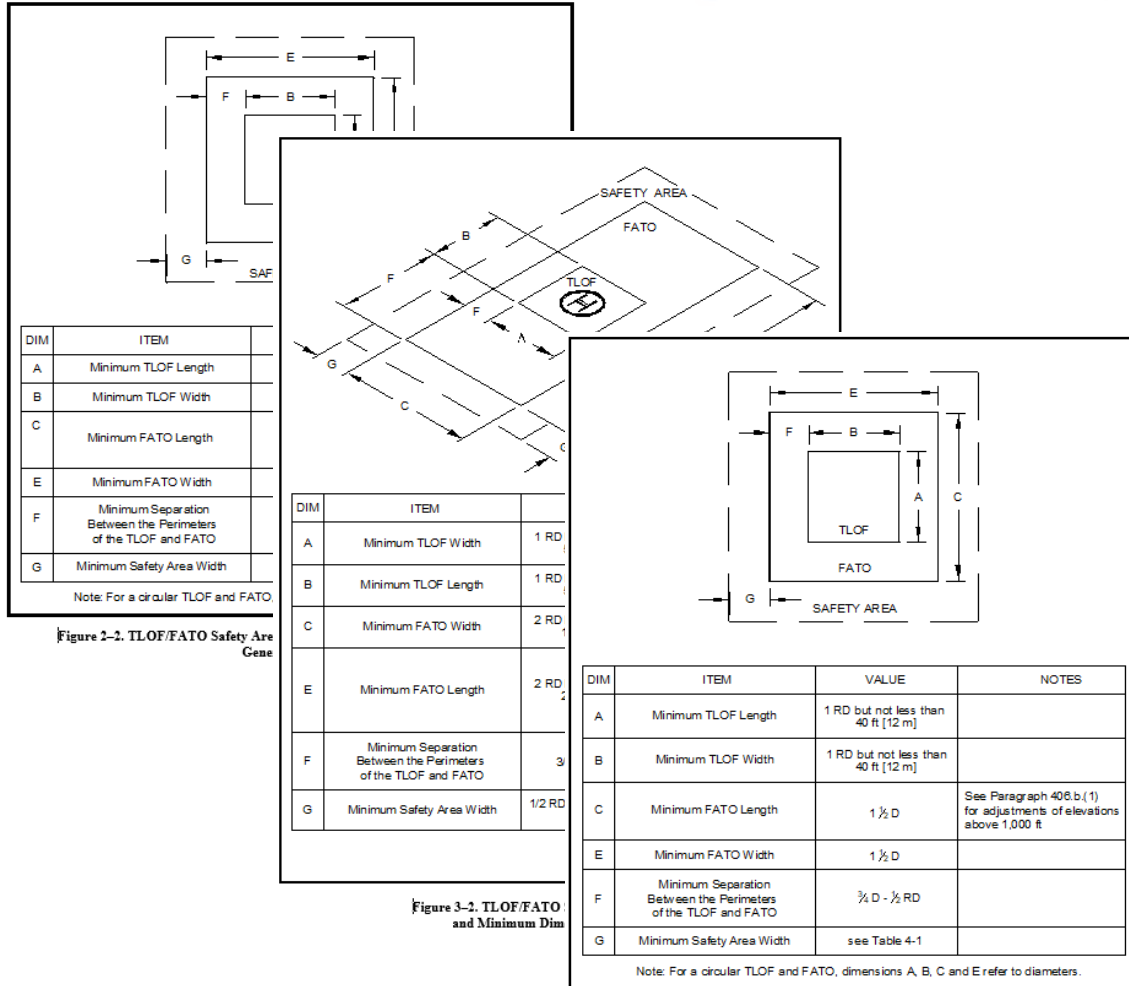
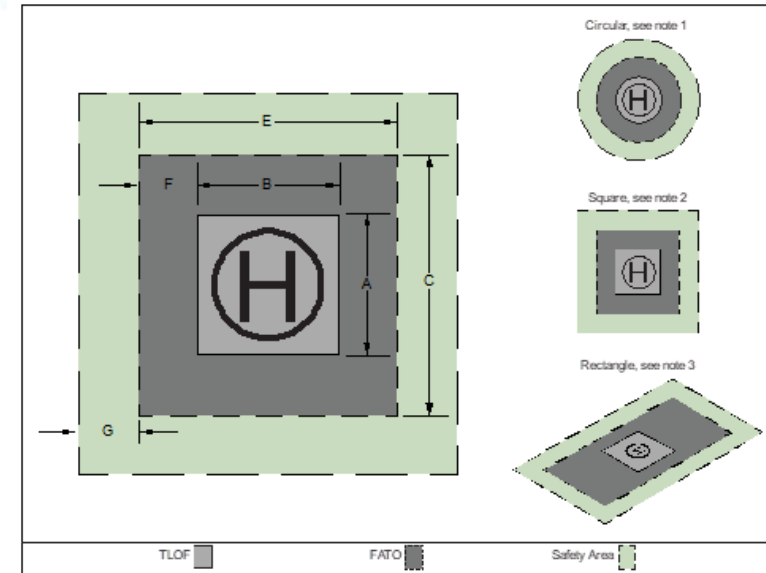


Figure 2-2. TLOF/FATO Safety Area Relationships

Figure 3-2. TLOF/FATO and Minimum Dimensions

Figure 4-2. TLOF/FATO Safety Area Relationships and Minimum Dimension: Hospital

Figure 2-4. TLOF/FATO/Safety Area Relationships and Minimum Dimensions



Note 1: For a circular TLOF and FATO, dimensions A, B, C, and E refer to diameters.

Note 2: For a square TLOF and FATO, dimension E = dimension C and dimension A = dimension B.

Note 3: For a rectangular TLOF and FATO, dimension E ≠ dimension C and dimension A ≠ dimension B.

Table 2-1. TLOF/FATO Minimum Dimensions

Dim	Item	GA	TRANSPORT	HOSPITAL
A	TLOF Length	1 RD	1 RD but not less than 50 ft (15 m)	1 RD but not less than 40 ft (12 m)
B	TLOF Width	1 RD	1 RD but not less than 50 ft (15 m)	1 RD but not less than 40 ft (12 m)
C	FATO Length	1 1/2 D ¹	2 RD but not less than 200 ft (60 m) (a)	1 1/2 D ¹
E	FATO Width	1 1/2 D	2 RD but not less than 100 ft (30 m)	1 1/2 D
F	Separation between TLOF and FATO perimeters	3/4 D - 1/2 RD	3/4 D - 1/2 RD	3/4 D - 1/2 RD
G	Safety Area Width	See	1/2 RD but not less than 30 ft (9 m)	See

Note 1: See paragraph 2.8.4 and Figure 2-8 for adjustments for heliport elevations above 1000' MSL.

Approximate Timeline for Completion of Draft AC

1. Complete final draft AC (*August 2021*)
2. Legal review (*Pending – Draft Submitted November 2021*)
3. Adjudication of Legal Review comments (*Spring 2022*)
4. Publish final AC (*FY 2022*)