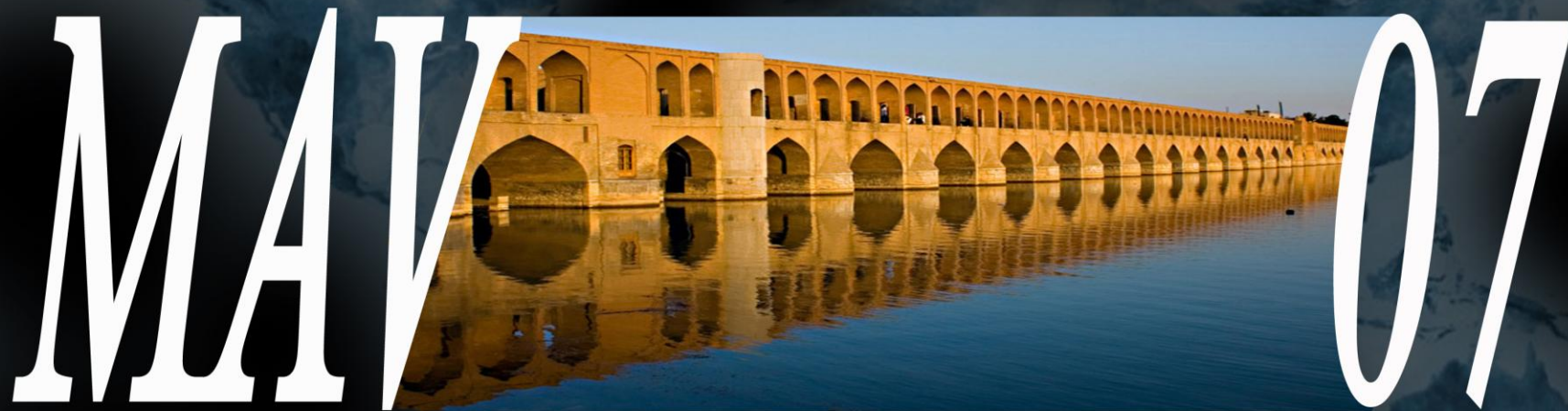


MAV 07



Isfahan University of Technology

*3rd US -European MAV Competition
17-21 September, Toulouse, France*

Introduction:

- Started with a UAV project
- First experience in designing a MAV
- Started from the very beginning steps
- Initial sparks of the project in March

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Overview:

Alternatives to reach the competition:

Plan A

Plan B

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Original planned design (plan A)

- ✓ Financial problems
- ✓ Autopilot was delivered the day before departure
- ✓ Vague video quality
- ✓ Short of time

*Current design:
(plan B)*



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MAV Specification

Take off Weight	390gr
Wing span	400mm
Wing area	0.12m ²
AR	1.33
Cruise speed	22m/s
Stall speed	8.5m/s
Endurance	20 min

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- ✓ Isfahan University of technology (IUT)
- ✓ Iran aircraft manufacturing Ind. Co. (HESA)
- ✓ IranAir (HOMA) the IR airline