

# Marion County Airport Layout Map 3.9



ITEM	LEGEND	
	EXISTING	FUTURE
AIRPORT PROPERTY LINE	---	---
BUILDINGS		
AIRPORT SECURITY FENCING	---	---
AIRPORT REFERENCE POINT		
BUILDING RESTRICTION LINE (20')	---	---
EDGE OF PAVEMENT	---	---
NEW AIRFIELD PAVEMENT	N/A	
GROUND CONTOURS	---	N/A
RUNWAY SAFETY AREA (RSA)	---	---
RUNWAY OBSTACLE FREE AREA (ROFA)	---	---
RUNWAY PROTECTION ZONE (RPZ)	---	---
RUNWAY OBSTACLE FREE ZONE (ROFZ)	---	---

RUNWAY ENDPOINT DATA		
DESCRIPTION	LAT./LONG. (NAD 83)	ELEVATION (NAVD 83)
RUNWAY 06	28°02'33.406" N 82°22'24.895" W	63.2'
RUNWAY 06 (FUTURE)	28°02'31.840" N 82°22'28.867" W	ASBLUME 63.2'
RUNWAY 03	28°04'02.848" N 82°27'15.328" W	62.5'
RUNWAY 03 (FUTURE)	28°04'13.028" N 82°27'12.028" W	ASBLUME 62.2'
RUNWAY 09	28°02'33.406" N 82°22'24.895" W	64.1'
RUNWAY 27	28°02'33.406" N 82°22'24.895" W	63.2'

FACILITY DATA	
DESCRIPTION	HEIGHT
1. 18 UNIT T-HANGER	218' AGL
2. 18 UNIT T-HANGER	218' AGL
3. AIRPORT FUEL TANKS (TO BE RELOCATED)	212' AGL
4. CLEARSPAN HANGAR (23,000 SF)	222' AGL
5. CLEARSPAN HANGAR (23,000 SF)	222' AGL
6. CLEARSPAN HANGAR (23,000 SF)	222' AGL
7. CLEARSPAN HANGAR (23,000 SF)	222' AGL
8. GA TERMINAL (2,000 SF)	212' AGL
9. FAA ANTENNAE TOWER	228' AGL
10. ROTATING BEACON & ELECTRICAL MOUNT	221' AGL
11. 6 UNIT T-HANGER	212' AGL
12. 6 UNIT T-HANGER	212' AGL
13. PRATT HANGER (20,000 SF)	222' AGL
14. WERKEY BROAD AIR HANGAR (210,000 SF)	222' AGL
15. CLEARSPAN HANGAR (23,000 SF)	222' AGL
16. CLEARSPAN HANGAR (23,000 SF)	222' AGL
17. CLEARSPAN HANGAR (23,000 SF)	222' AGL
18. FUTURE GA TERMINAL	TBD
19. FUTURE CLEARSPAN HANGAR	TBD
20. RELAYED AIRPORT FUEL TANKS	TBD
21. FUTURE T-HANGARS (60 TOTAL)	TBD
22. FUTURE AIRPORT FUEL TANKS	TBD
23. FUTURE MID-FIELD GA TERMINAL	TBD
24. FUTURE MID-FIELD CLEARSPAN HANGAR	TBD

**GENERAL NOTES**

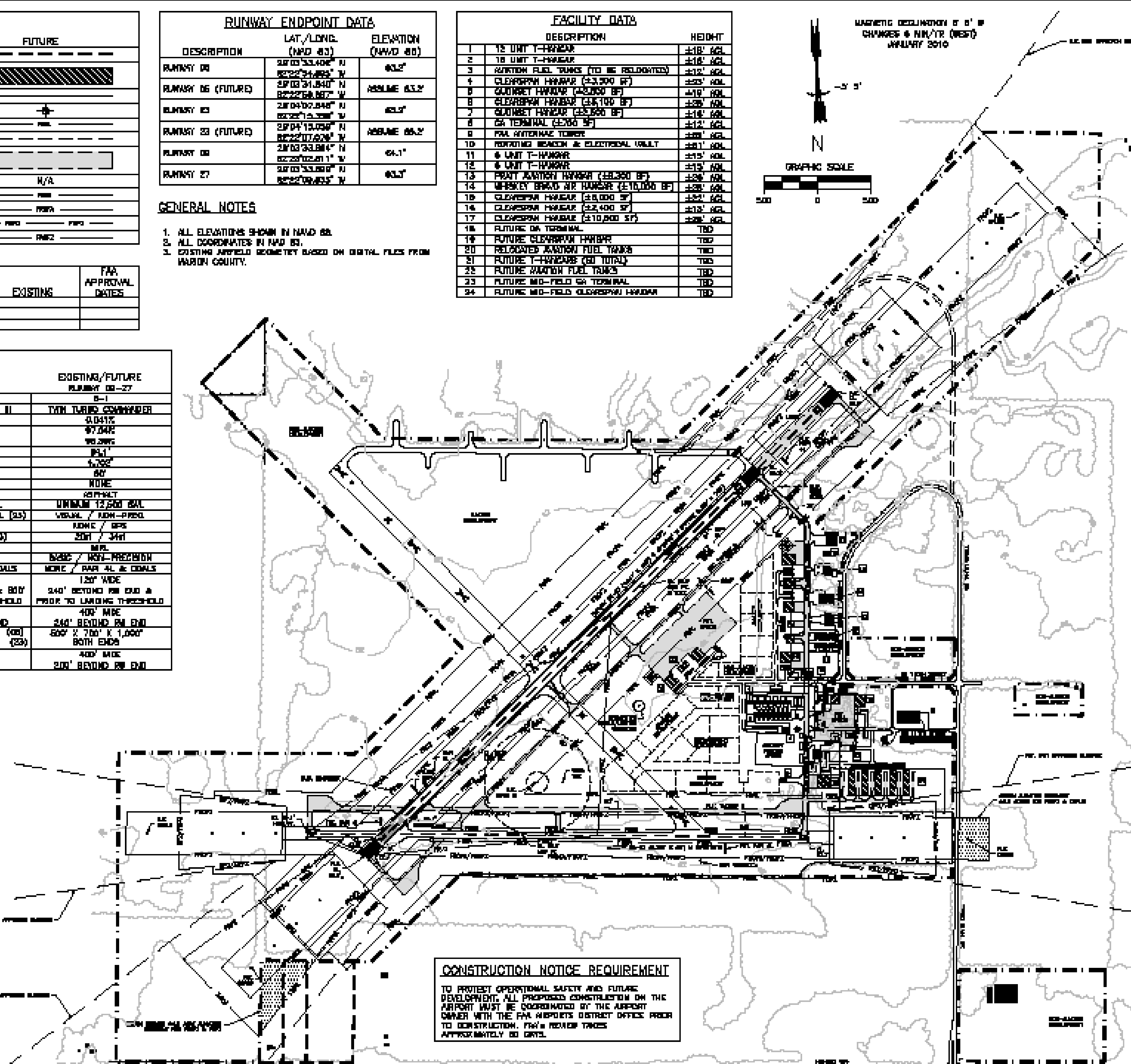
1. ALL ELEVATIONS SHOWN IN NAVD 83.
2. ALL COORDINATES IN NAD 83.
3. EXISTING AIRFIELD GEOMETRY BASED ON DIGITAL FILES FROM MARION COUNTY.

MODIFICATIONS TO FAA DESIGN STANDARDS					FAA APPROVAL DATES
DESCRIPTION	CRITERIA	STANDARD	REQUESTED	EXISTING	

DESCRIPTION	RUNWAY DATA	
	EXISTING RUNWAY 06-23	FUTURE RUNWAY 06-23
CRITICAL REFERENCE DOCK	0-11	0-11
CRITICAL DESIGN AIRCRAFT	GENERAL FULCRUM 900	GENERAL FULCRUM II
EFFECTIVE GRADIENT	0.041%	0.041%
WIND DIRECTION: 10-5 KTS/12 MPH	88.28%	SAME
WIND DIRECTION: 1-5 KTS/16 MPH	88.28%	SAME
MAXIMUM ELEVATION (NAVD 83)	63.2'	SAME
LENGTH	4,241'	4,200'
WIDTH	100'	80'
DISPLACED THRESHOLD	NONE	NONE
SURFACE	CONCRETE	CONCRETE
STRENGTH	45,000 PSI (ESTIMATED)	MINIMUM 50,000 PSI
ENR 77 APPROACH CATEGORY	VERBAL (03) / NUM-PREC (23)	NUM-PREC (03) / PREC (23)
INSTRUMENT APPROACH	NONE (03) / GPS (23)	GPS
APPROACH SLOPE	3.0% (03) / 3.4% (23)	3.4% (03) / 3.4% (23)
LIGHTS	MFL	MFL
MARKING	NON-PRECISION	PRECISION
USUAL AIDS	PAPI 4L / PAPI 5L	PAPI 4L / MALSPE / DUALS
RUNWAY SAFETY AREA	150' WIDE	600' WIDE
RUNWAY OBSTACLE FREE AREA	300' BEYOND RW END & PRIOR TO LANDING THRESHOLD	1,000' BEYOND RW END & 600' BEYOND RW END & PRIOR TO LANDING THRESHOLD
RUNWAY PROTECTION ZONE	300' BEYOND RW END	1,000' BEYOND RW END
RUNWAY OBSTACLE FREE ZONE	400' BEYOND RW END	600' X 700' X 1,000' BOTH ENDS

AIRPORT DATA		
DESCRIPTION	EXISTING	FUTURE
AIRPORT ELEVATION (NAVD 83)	63.2' MSL	SAME
AIRPORT REFERENCE POINT (NAD 83)	LAT: 28°02'33.416" N LONG: 82°22'24.710" W	LAT: 28°02'33.416" N LONG: 82°22'24.710" W
UNUSUAL AIDS	BEARING/GPS	SAME
MEAN SEASIDE TEMPERATURE (HIGHEST MONTH)	81°F	SAME
LEAD OBSTACLE IN FEE	794.88000'	2,812.88000'
TAXIWAY WIDTH	50'	35'
TAXIWAY TO RUNWAY CENTERLINE SEPARATION	N/A	400' & 340'
TAXIWAY SAFETY AREA WIDTH	70'	SAME
TAXIWAY OBSTACLE FREE AREA WIDTH	131'	SAME
TAXIWAY LIGHTING	NONE	MFL
TAXIWAY MARKING	CENTERLINE	SAME

- ABBREVIATIONS**
- ABL ABOVE BOUND LEVEL
  - AWSX AUTOMATED WEATHER OBSERVING SYSTEM
  - DAL DUAL WHEEL LANDING
  - ELEV ELEVATION
  - FUT FUTURE
  - GA GENERAL AVIATION
  - GPS GLOBAL POSITIONING SYSTEM
  - HALR MEDIUM INTENSITY APPROACH LIGHTING SYSTEM WITH RUNWAY ALIGNMENT INDICATOR LIGHTS
  - HEL MEDIUM INTENSITY HELIOPATH LIGHTS
  - HLR MEDIUM INTENSITY TAXIWAY LIGHTS
  - DUALS OMNIDIRECTIONAL APPROACH LIGHTING SYSTEM
  - PAPI PRECISION APPROACH PATH INDICATOR
  - PREC PRECISION
  - PT POINT
  - RM RUNWAY
  - RS SQUARE FEET
  - SUP SUPPLEMENTAL
  - SAL SINGLE WHEEL LANDING
  - TBD TO BE DETERMINED
  - TZD TOUCHDOWN ZONE ELEVATION



**CONSTRUCTION NOTICE REQUIREMENT**

TO PROTECT OPERATIONAL SAFETY AND FUTURE DEVELOPMENT, ALL PROPOSED CONSTRUCTION ON THE AIRPORT MUST BE COORDINATED BY THE AIRPORT OWNER WITH THE FAA AIRPORTS DISTRICT OFFICE PRIOR TO CONSTRUCTION. FAA'S REVIEW TAKES APPROXIMATELY 60 DAYS.

PROJECT NO.	857501
GRID NO.	857501002
SCALE	GRAPHIC SCALE
DATE	JAN. 2010
DESIGNED BY	DR/JV
CHECKED BY	DJD
DATE	JAN. 2010
HOYLE, TAMER & ASSOCIATES, INC. 40 E. UTILITY HANGAR ROAD SUITE 300 OMAHA, NE 68131 PHONE: (402) 486-1888 FAX: (402) 486-1883 WWW.HOYLETAMER.COM	
MARION COUNTY AIRPORT MARION COUNTY, FLORIDA	AIRPORT LAYOUT PLAN
DRAWING	2
SHEET	2 OF 8