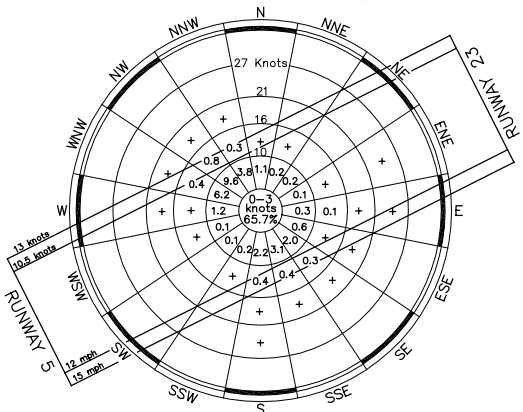
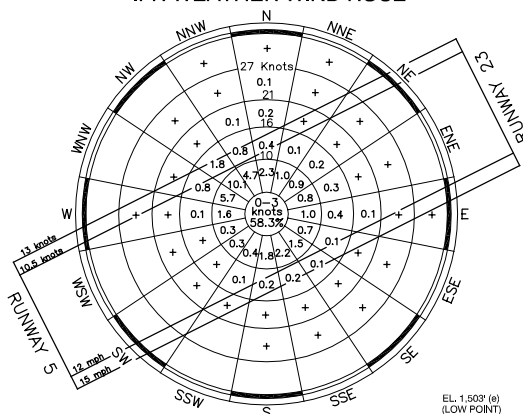


ALL WEATHER WIND ROSE



IFR WEATHER WIND ROSE

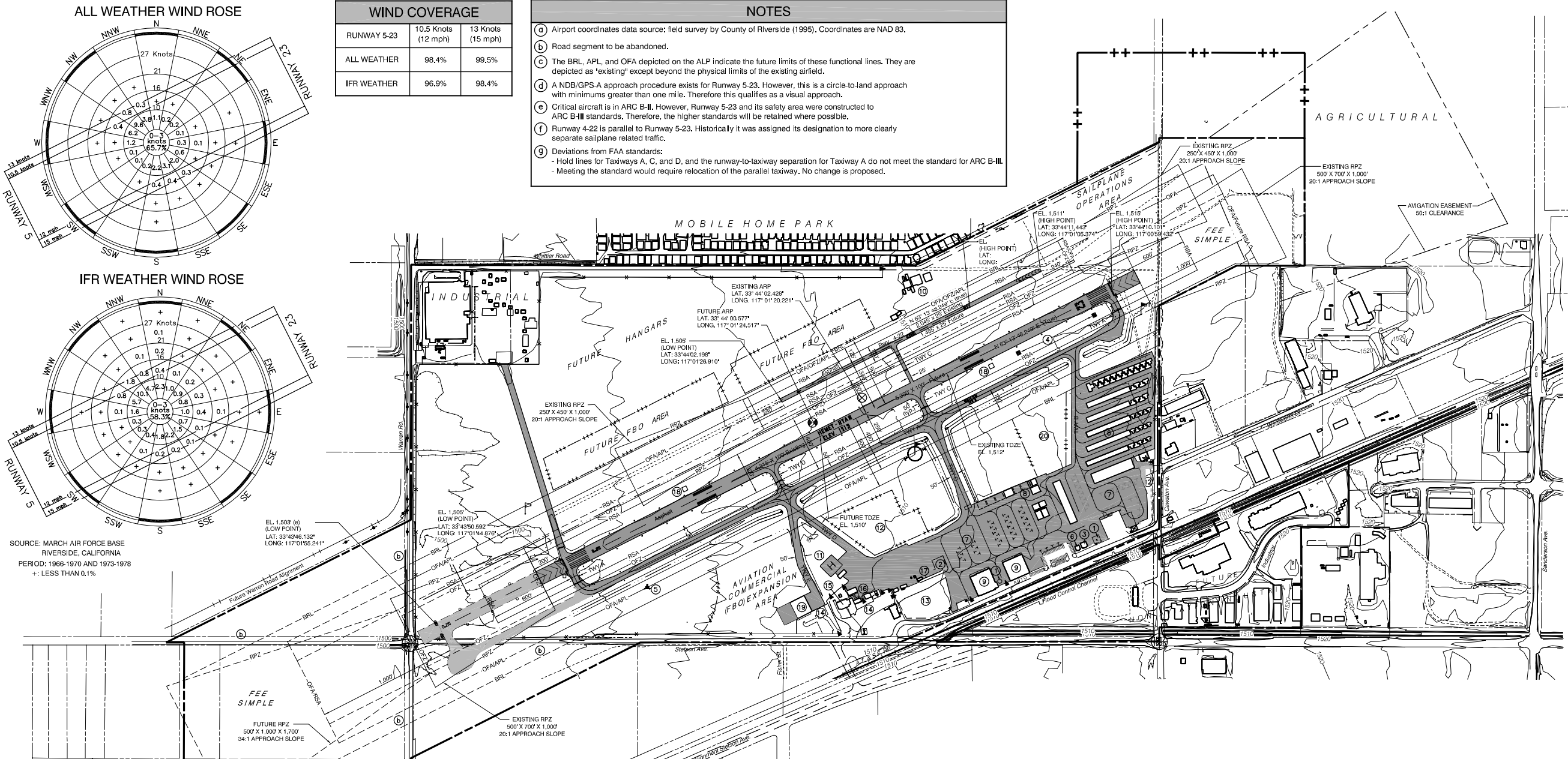


SOURCE: MARCH AIR FORCE BASE
RIVERSIDE, CALIFORNIA
PERIOD: 1966-1970 AND 1973-1978
+: LESS THAN 0.1%

WIND COVERAGE

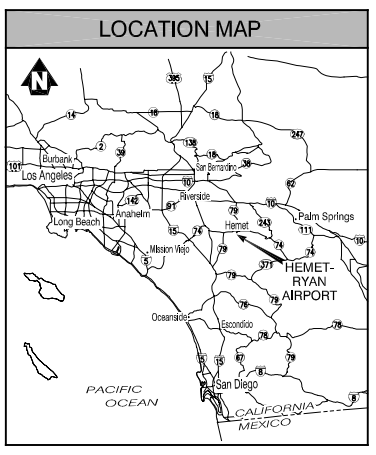
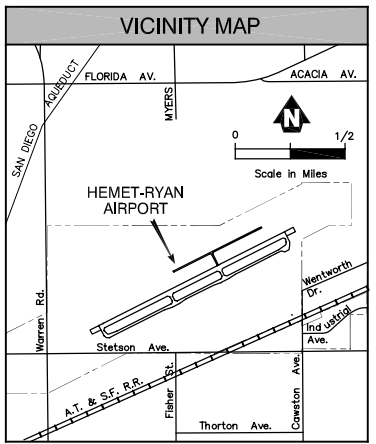
RUNWAY 5-23	10.5 Knots (12 mph)	13 Knots (15 mph)
ALL WEATHER	98.4%	99.5%
IFR WEATHER	96.9%	98.4%

- NOTES**
- (a) Airport coordinates data source: field survey by County of Riverside (1995). Coordinates are NAD 83.
 - (b) Road segment to be abandoned.
 - (c) The BRL, APL, and OFA depicted on the ALP indicate the future limits of these functional lines. They are depicted as 'existing' except beyond the physical limits of the existing airfield.
 - (d) A NDB/GPS-A approach procedure exists for Runway 5-23. However, this is a circle-to-land approach with minimums greater than one mile. Therefore this qualifies as a visual approach.
 - (e) Critical aircraft is in ARC B-III. However, Runway 5-23 and its safety area were constructed to ARC B-II standards. Therefore, the higher standards will be retained where possible.
 - (f) Runway 4-22 is parallel to Runway 5-23. Historically it was assigned its designation to more clearly separate sailplane related traffic.
 - (g) Deviations from FAA standards:
 - Hold lines for Taxiways A, C, and D, and the runway-to-taxiway separation for Taxiway A do not meet the standard for ARC B-III.
 - Meeting the standard would require relocation of the parallel taxiway. No change is proposed.



FACILITIES LEGEND

1	Wash Rack
2	Fuel Island
3	Restaurant
4	VASI, to be replaced
5	AWOS Antenna
6	Aviation Museum
7	Aircraft Tiedowns
8	Aircraft Storage Hangars
9	Fixed Base Operators
10	Sailplane Facilities
11	Helipad
12	Box Hangars - (Future Site)
13	Large Aircraft Hangars - (Future Site)
14	Auto Parking
15	Fire Station
16	Future FBO If Firebase closes
17	Future large aircraft hangars, If Firebase closes
18	Future PAP
19	Riverside County Sheriff's Aviation Unit
20	T-Hangars (Future Site)

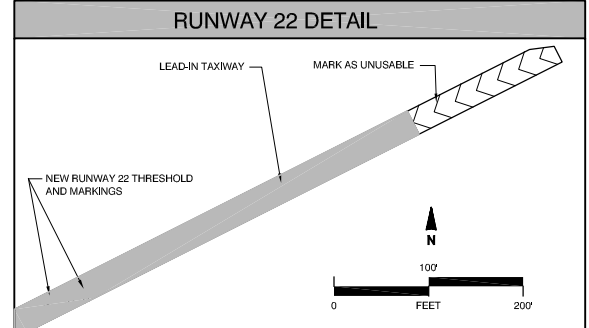


AIRPORT DATA

	EXISTING	FUTURE
AIRPORT SERVICE LEVEL (NPIAS)	General Aviation	No Change
AIRPORT REFERENCE CODE	B-III (e)	No Change
CRITICAL AIRCRAFT	Citation III	No Change
AIRPORT REFERENCE POINT (a)	Latitude 33° 44' 02.428" N Longitude 117° 01' 20.221" W	Latitude 33° 44' 00.577" N Longitude 117° 01' 24.517" W
AIRPORT ELEVATION (Above Mean Sea Level)	1,515'	No Change
MEAN MAX. TEMP. (Hottest Month)	98.6° F (July)	No Change
AIRPORT and TERMINAL NAVIGATIONAL AIDS	Beacon, NDB, GPS	No Change
GPS APPROACH ESTABLISHED	Yes	No Change
AIRPORT ACREAGE	Fee Simple 440 Easement 45	464 48
AIRCRAFT SPACES	Tiedowns 65± T-Hangars/Portables 100 Large Box Hangars 3 FBO Area (Approx.) 15±	100± 130± 6 25±

RUNWAY END DATA

APPROACH END OF RUNWAY:	5	23	4	22
APPROACH TYPE: [FAAR Part 77 Category]	Existing Visual [B(V)] (d) Future Nonprecision [C]	Existing Visual [B(V)] (d) Future No Change	Existing Visual [A(V)] Future No Change	Existing Visual [A(V)] Future No Change
APPROACH VISIBILITY MINIMUMS	Existing > 1 Mile Future > 3/4 Mile	Existing No Change Future No Change	Existing No Change Future No Change	Existing No Change Future No Change
APPROACH SLOPE: Required/Clear	Existing 20:1/20±1 Future 34:1/34:1	Existing 20:1/50:1 Future No Change	Existing 20:1/50:1 Future No Change	Existing 20:1/50:1 Future No Change
RUNWAY SAFETY AREA Length Beyond Rwy End	Existing 600' Future 1,000'	Existing 600' Future 1,000'	Existing 240' Future No Change	Existing 240' Future No Change
APPROACH & LANDING AIDS	Visual Existing None Future No Change	Visual Existing VASI (VZL) Future No Change	Visual Existing None Future No Change	Visual Existing None Future No Change
Electronic	Existing GPS (Straight-in) Future No Change	Existing GPS (circling) Future No Change	Existing None Future No Change	Existing None Future No Change
Runway (d)	Existing 33°43'50.592" N Future 33°43'46.132" N	Existing 33°44'10.101" N Future 33°43'46.132" N	Existing 33°44'02.198" N Future 33°44'00.141" N	Existing 33°44'11.443" N Future No Change
COORDINATES	Latitude Existing 117°01'44.876" W Future 117°01'55.241" W	Latitude Existing 117°00'59.432" W Future No Change	Latitude Existing 117°01'26.910" W Future 117°01'31.702" W	Latitude Existing 117°01'05.374" W Future No Change



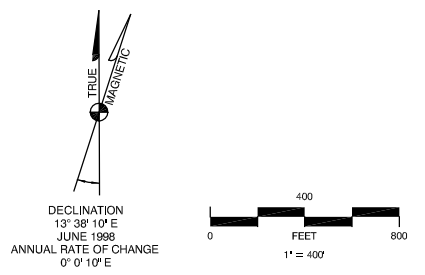
DRAWING LEGEND

	EXISTING	FUTURE
ACTIVE AIRFIELD PAVEMENT	[Symbol]	[Symbol]
OTHER PAVEMENT IN USE	[Symbol]	[Symbol]
GRAVEL SHOULDER/ROAD	[Symbol]	[Symbol]
AIRPORT PROPERTY LINE	[Symbol]	[Symbol]
OTHER PROPERTY LINES	[Symbol]	[Symbol]
AVIGATION EASEMENT	[Symbol]	[Symbol]
CRITICAL AIRFIELD AREAS *	[Symbol]	[Symbol]
BUILDINGS	[Symbol]	[Symbol]
FENCE	[Symbol]	[Symbol]
VEHICLE GATE	[Symbol]	[Symbol]
WIND CONE	[Symbol]	[Symbol]
HELIPAD	[Symbol]	[Symbol]
RUNWAY EDGE LIGHTS / REILS	[Symbol]	[Symbol]
ROTATING BEACON	[Symbol]	[Symbol]
AIRPORT REFERENCE POINT	[Symbol]	[Symbol]
TOPOGRAPHIC CONTOURS	[Symbol]	[Symbol]
WATERWAY/CULVERT/CHANNEL	[Symbol]	[Symbol]
POWER LINE	[Symbol]	[Symbol]
SECTION CORNER	[Symbol]	[Symbol]

A - Aircraft Parking Limits
BRL - Building Restriction Line
RSA - Runway Safety Area
OFA - Object Free Area
OFZ - Obstacle Free Zone
RPZ - Runway Protection Zone

RUNWAY DATA

	RUNWAY 5-23		RUNWAY 4-22 (f)	
	EXISTING	FUTURE	EXISTING	FUTURE
AIRPORT REFERENCE CODE	B-III	No Change	A-I	No Change
CRITICAL AIRCRAFT	Citation III	No Change	Sail Plane	No Change
PHYSICAL LENGTH AND WIDTH	4,315' x 100'	5,300' x 100'	2,045' x 25'	1,485' x 25'
RUNWAY/TAXIWAY SURFACE TYPE	Asphalt	No Change	Asphalt	No Change
EFFECTIVE GRADIENT	0.25%	0.23%	0.29%	No Change
PAVEMENT STRENGTH (1000#) S/D/DT	80/130/-	No Change	5/-/-	No Change
WIND COVERAGE	99.5% (15 MPH)	No Change	98.4% (12 MPH)	No Change
RWY. SAFETY AREA WIDTH/LENGTH BEYOND END	300'/600'	500'/1,000'	120'/240'	No Change
RUNWAY LIGHTING	Medium Intensity	No Change	None	No Change
RUNWAY MARKING	Nonprecision	No Change	None	No Change
TAXIWAY LIGHTING	Medium Intensity	No Change	None	No Change
MAXIMUM ELEVATION (MSL)	1,515'	No Change	1,511'	No Change



SUBMITTED BY: County of Riverside

Replaces ALP approved on June 20, 1998.

HEMET-RYAN AIRPORT
HEMET, CALIFORNIA
AIRPORT LAYOUT PLAN

MEAD HUNT ENGINEERS ARCHITECTS PLANNERS
707 Aviation Blvd., Santa Rosa, California 95403 - (707) 526-5010

County of Riverside

DESIGN: DD DRAWN: TE DATE: June 2004 SHEET 1 OF 4