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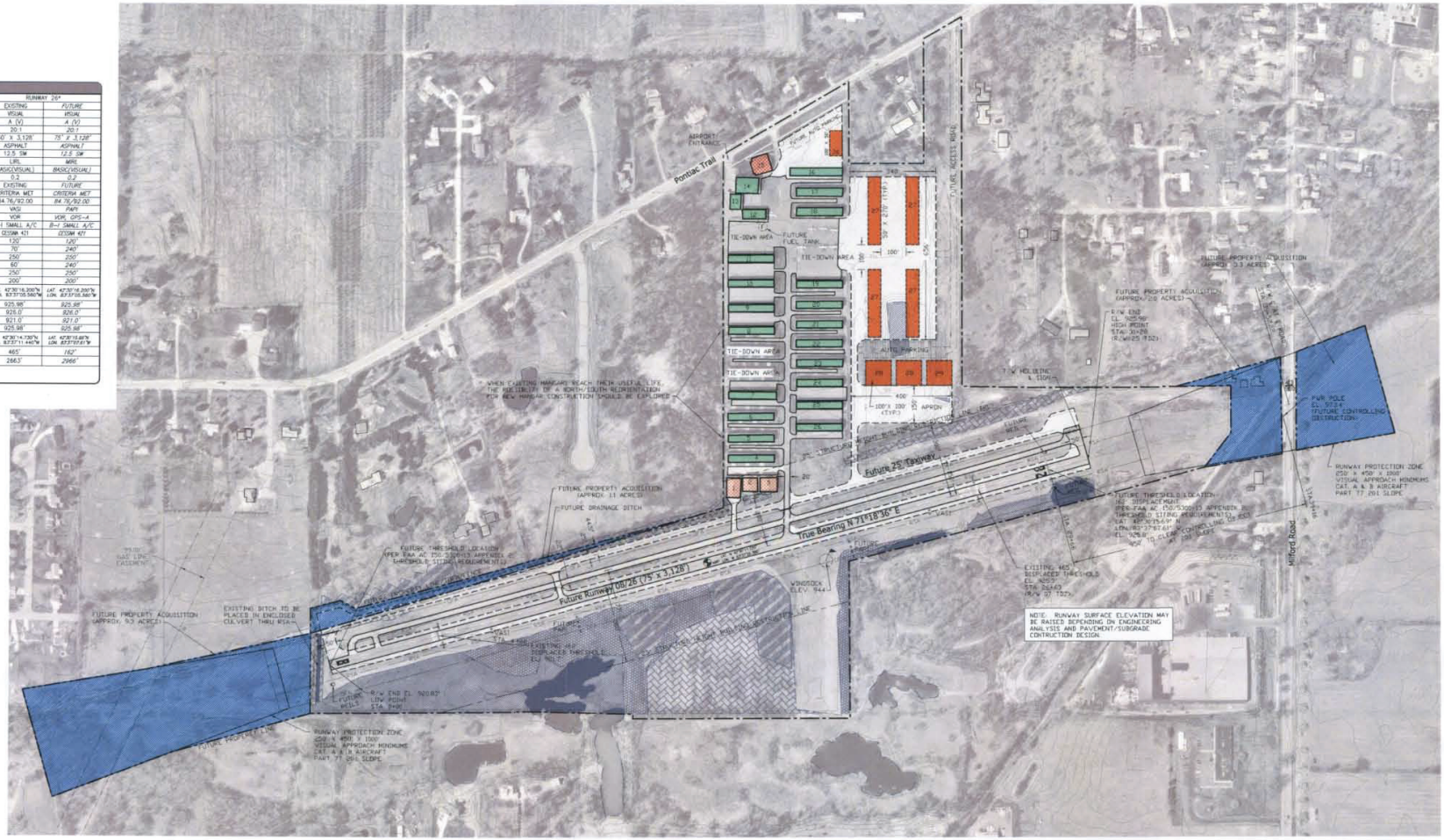
RUNWAY DATA

	RUNWAY 08*		RUNWAY 26*	
	EXISTING	FUTURE	EXISTING	FUTURE
APPROACH VISIBILITY MINIMUMS	VISUAL	VISUAL	VISUAL	VISUAL
FAR PART 77 CATEGORY	A (V)	A (V)	A (V)	A (V)
FAR PART 77 APPROACH SURFACE SLOPE	20:1	20:1	20:1	20:1
RUNWAY WIDTH X LENGTH	40' X 3,128'	75' X 3,128'	40' X 3,128'	75' X 3,128'
PAVEMENT TYPE	ASPHALT	ASPHALT	ASPHALT	ASPHALT
PAVEMENT STRENGTH (IN 1000 LBS.)	12.5 SW	12.5 SW	12.5 SW	12.5 SW
RUNWAY LIGHTING	LIRL	MIRL	LIRL	MIRL
RUNWAY MARKING	BASIC(VISUAL)	BASIC(VISUAL)	BASIC(VISUAL)	BASIC(VISUAL)
EFFECTIVE RUNWAY GRADIENT %	0.2	0.2	0.2	0.2
MAXIMUM GRADE WITHIN RUNWAY LENGTH	EXISTING	FUTURE	EXISTING	FUTURE
RUNWAY LINE-OF-SITE	CRITERIA MET	CRITERIA MET	CRITERIA MET	CRITERIA MET
WIND COVERAGE % (10.5/13 KNOTS)	84.76/92.00	84.76/92.00	84.76/92.00	84.76/92.00
VISUAL APPROACH AIDS	VASI	PAPI	VASI	PAPI
INSTRUMENT APPROACH AIDS	VOR	VOR, GPS-A	VOR	VOR, GPS-A
AIRPORT REFERENCE CODE	B-I SMALL A/C	B-I SMALL A/C	B-I SMALL A/C	B-I SMALL A/C
CRITICAL AIRCRAFT	CESSNA 421	CESSNA 421	CESSNA 421	CESSNA 421
RUNWAY SAFETY AREA WIDTH	120'	120'	120'	120'
RUNWAY SAFETY AREA LENGTH BEYOND R/W END	240'	240'	70'	240'
RUNWAY OBJECT FREE AREA WIDTH	250'	250'	250'	250'
RUNWAY OBJECT FREE AREA LENGTH BEYOND R/W END	240'	240'	60'	240'
OBSTACLE FREE ZONE WIDTH	250'	250'	250'	250'
OBSTACLE FREE ZONE LENGTH BEYOND R/W END	200'	200'	200'	200'
RUNWAY END COORDINATES	LAT. 42°30'06.300"N LON. 83°37'45.120"W	LAT. 42°30'06.300"N LON. 83°37'45.120"W	LAT. 42°30'16.200"N LON. 83°37'05.560"W	LAT. 42°30'16.200"N LON. 83°37'05.560"W
RUNWAY ELEVATIONS END	921.0'	921.0'	925.98'	925.98'
HIGH POINT	926.0'	926.0'	926.0'	926.0'
LOW POINT	921.0'	921.0'	921.0'	921.0'
* TOUCHDOWN ZONE ELEVATION	925.3'	925.3'	925.98'	925.98'
DISPLACED THRESHOLD COORDINATES	LAT. 42°30'07.760"N LON. 83°37'36.300"W	NONE	LAT. 42°30'14.720"N LON. 83°37'11.440"W	LAT. 42°30'16.68"N LON. 83°37'07.81"W
THRESHOLD DISPLACEMENT	460'	NONE	465'	162'
EFFECTIVE RUNWAY LANDING LENGTH	2668'	3128'	2663'	2966'

* RUNWAY DESIGNATIONS CHANGED DUE TO MAGNETIC DECLINATION UPDATE.



TAXIWAY DATA

ITEM	AIRPLANE DESIGN GROUP I
TAXIWAY WIDTH	25'
TAXIWAY EDGE SAFETY MARGIN	5'
TAXIWAY SHOULDER WIDTH	10'
TAXIWAY SAFETY AREA WIDTH	49'
TAXIWAY OBJECT FREE AREA WIDTH	89'
TAXILANE OBJECT FREE AREA WIDTH	79'

WETLANDS LEGEND

- PALUSTRINE EMERGENT WETLAND (PEM)
- PALUSTRINE SCRUB-SHRUB WETLAND (PSS)
- PALUSTRINE FORESTED WETLAND (PFO)
- PALUSTRINE EMERGENT/ SCRUB-SHRUB WETLAND (PEM/PSS)
- WATER

GRAPHIC SCALE IN FEET

NOTES

1. This drawing reflects current planning standards applicable to Oakland Southwest Airport to the greatest extent possible. This drawing should not be used as a standard for planning or design.
2. All coordinate data is NAD83.

REVISIONS

NO.	ITEM	DATE	COMMENTS

BUILDING DATA

NO.	DESCRIPTION	ELEVATION	NO.	DESCRIPTION	ELEVATION
1	HANGAR	947.28'	16	HANGAR	957.48'
2	HANGAR	949.86'	17	HANGAR	956.26'
3	HANGAR	951.61'	18	HANGAR	955.14'
4	HANGAR	945.19'	19	HANGAR	951.32'
5	HANGAR	944.10'	20	HANGAR	950.85'
6	HANGAR	946.65'	21	HANGAR	949.84'
7	HANGAR	946.97'	22	HANGAR	948.61'
8	HANGAR (w/ LIGHT)	949.67'	23	HANGAR	947.39'
9	HANGAR	950.76'	24	HANGAR	947.41'
10	HANGAR	950.42'	25	HANGAR	947.37'
11	HANGAR	953.11'	26	HANGAR	947.39'
12	HANGAR	958.70'	27	FUTURE T-HANGAR	
13	HANGAR	959.88'	28	FUTURE FBO HANGAR	
14	HANGAR	966.79'	29	FUTURE HANGAR/TERMINAL/OFFICE	
15	HANGAR	966.49'	30	FUTURE COUNTY STORAGE BUILDING	

BUILDING HEIGHT ELEVATIONS SURVEYED BY PECKHAM ENGINEERING, INC. (11/09/01)

AIRPORT DATA

	EXISTING	FUTURE
AIRPORT ELEVATION (AMSL)	926.0'	926.0'
AIRPORT REFERENCE POINT (ARP)	LAT. 42°30'12.00" LON. 83°37'21.00"	LAT. 42°30'12.00" LON. 83°37'21.00"
AIRPORT REFERENCE CODE	B-I (SMALL A/C)	B-I (SMALL A/C)
NPIAS CATEGORY	GA	GA
MEAN MAX. TEMPERATURE (HOTTEST MONTH)	83.6°	83.6°
TAXIWAY LIGHTING	NONE	MITL
TAXIWAY MARKING	CENTERLINE	CENTERLINE
AIRPORT PROPERTY (ACRES)	78.24	93.61
UNICOM (MHz)	-	-
CONTROL TOWER (MHz)	NONE	NONE
SECTION, TOWNSHIP AND RANGE	SEC. 4 & 9 T1N R7E	

LAYOUT PLAN LEGEND

	EXISTING	FUTURE
AIRPORT PROPERTY LINE		
AIRPORT SECURITY FENCE		
AIRPORT BUILDINGS		
AIRFIELD PAVEMENT		
RUNWAY PROTECTION ZONE (RPZ)		
RPZ OR AVIGATION EASEMENT		
BUILDING RESTRICTION LINE	(BRL)	(BRL)
RUNWAY SAFETY AREA	(RSA)	(RSA)
RUNWAY OBJECT FREE AREA	(ROFA)	(ROFA)
FUEL STORAGE AREA	(FS)	
LIGHTED WIND CONE & SEGMENTED CIRCLE		
VISUAL APPROACH SLOPE INDICATOR (VASI)		
THRESHOLD LIGHTS	*** ***	*** ***
PRECISION APPROACH PATH INDICATOR (PAPI)		
RUNWAY END IDENTIFIER LIGHTS (REIL)		

Graphic 2 - Future Airport Layout Plan
Oakland/Southwest Airport
Charter Township of Lyon, Oakland County, Michigan

SOURCE: AERIAL PHOTOGRAPHY FROM OAKLAND COUNTY GIS DEPARTMENT, OAKLAND COUNTY, MICHIGAN. CAD FILE FROM PECKHAM ENGINEERING, INC., TRAVERSE CITY, MICHIGAN.

Source: Airport Layout Plan
Barnard Dunkelberg & Company,
August 2005

4/9/12 McKenna ASSOCIATES