EXISTING BUILDINGS/FACILITIES

Bldg. No.	Elev. MSL	DESCRIPTION
1	---	ADMINISTRATION/TERMINAL BUILDING
2	1034.6	B CONCOURSE
3	1034.3	C CONCOURSE
4	1030.1	D CONCOURSE
5	1024.9	AIR TRAFFIC CONTROL TOWER (ATCT/Beacon)
6	1024.6	WRIGHT BROS. GROUND VEHICLE MAINTENANCE
7	1028.2	AIRPORT RESCUE FIREFIGHTING (ARFF)
8	---	AIRFIELD ELECTRICAL VAULT
9	1027.1	AIR CARGO BUILDING (US Airways/TWA)
9A	1015.0	City of Dayton (Wright Bros. Aero)
10	---	Air/ODC Air Cargo Building (Federal Express)
11	---	MULTI-TENANT/U.S. CUSTOMS
12	---	FEDERAL EXPRESS WAREHOUSE
13	1023.9	FUEL FARM (Delta)
14	1014.7	OFFICE BUILDING (AIR/ODC)
15	1013.1	OFFICE BUILDING (Fritz)
16	1021.9	AIR CARGO BUILDING (Delta) Ground Service
17	1033.5	TRANSPORTATION SECURITY ADMINISTRATION (TSA)
18	1020.5	OFFICE BUILDING (Airport Properties)
19	1021.2	FLIGHT KITCHEN (Dobbs International Services)
20	1028.2	~~OFFICE/TRUCK FACILITY (UPS)~~ DEMO'D 2004
21	1041.8	OFFICE BUILDING (ASET Corp.)
22	1029.3	HOTEL (Dayton Airport Inn)
23	1029.2	PSA AIRLINES OFFICE BUILDING (owned by C.O.D.)
24	1013.7	RENTAL CAR FACILITY (Hertz)
25	1021.4	RENTAL CAR FACILITY (Budget)
26	1018.1	RENTAL CAR FACILITY (Thrifty)
27	1012.6	RENTAL CAR FACILITY (Dollar)
28	1017.0	RENTAL CAR FACILITY (National)
29	1018.6	RENTAL CAR FACILITY (Avis)
31	1029.8	AIR CARGO BUILDING (UPS)
31A	---	TOWER (UPS)
32	1027.4	MAINTENANCE BUILDING (UPS)
33	1001.1	SECURITY BUILDING (UPS)
34	---	MAINTENANCE BUILDING (UPS)
35	---	FUEL FARM (UPS)
36	1023.0	REYNOLDS & REYNOLDS
37	1009.2	RYAN AIR -- HANGAR A (UPS)
38	1027.4	FBO HANGAR (Wright Brothers Aero)
39	---	AUTO PARKING EXIT BOOTHS
40	1021.7	UNITED STATES AIR and TRADE SHOW BUILDING
41	1016.3	FLIGHT SERVICE STATION
42	1017.7	FAA MIDO/USATS
43	1012.6	LTS REALTY
44	1012.5	(City Electrical Shop)
45	1014.0	AIRPORT SAND STORAGE FACILITY
46	1024.6	CORPORATE HANGAR
47	1031.4	FBO HANGAR (WRIGHT BROTHERS AERO)
48	---	CENTRALIZED GLYCOL EQUALIZATION BASIN
49	1008.1	PUMP STATION
50	1017.7	AIRPORT MAINTENANCE BUILDING
51	1026.7	AIRPORT MAINTENANCE BUILDING
52	1036.2	FBO HANGAR (Stevens Aviation)
53	1043.7	FBO HANGAR (Stevens Aviation)
54	1043.7	FBO HANGAR (Stevens Aviation)
55	1014.1	FBO OFFICE BUILDING (Stevens Aviation)
56	1044.5	CORPORATE HANGAR (Meaq)
57	1035.6	CORPORATE HANGAR (NCR)
58	1025.0	FBO HANGAR (Aviation Sales)
59	1011.8	T-HANGAR
60	1010.8	T-HANGAR
61	1010.0	T-HANGAR
62	1009.4	T-HANGAR
63	1009.4	INDUSTRIAL BUILDING-Former Empire Tool (Air Show Storage)
64	1025.9	ALL STAR HELICOPTERS
66	---	FUEL FARM (A.S.I.)
67	---	FUEL FARM (Wright Brothers Aero)
68	---	AMATEUR TRAPSHOOTING ASSOCIATION
69	1010.1	OIL SEPARATOR
70	---	WATER TOWER
71	---	UPS BUILDING
72	1030.5	UNITED STATE POST OFFICE
73	---	US AIRWAYS EXPRESS HANGAR (PSA)
74	1028.7	CORPORATE HANGAR (GP&L AKA MVCTC)
75	---	CYMI Hangar

* Building elevations taken from digital mapping and aerial photography dated November 14, 1998
(TBR) To Be Relocated

GENERAL NOTES:

1. All taxiways are 75 feet wide unless otherwise noted.
2. All future buildings must be in compliance with FAR Part 77 height restrictions and are subject to FAA airspace review and approval.
3. The final site selection of all navigational aid facilities will be determined by the FAA.
4. The Airport Layout Plan was developed based on digital mapping and aerial photograpy dated Nov. 14, 1998.
5. Based on the current airfield configuration and elevations, it has been determined that there are no penetrations to the existing runway Obstacle Free Zones.
6. All taxiways will have an Airplane Design Group V safety area width of 214 feet.
7. According to the latest Jeppesen Charts, the "Bruny" NDB is located 5.7 nautical miles southwest of Runway 6L and 6.6 nautical miles southwest of Runway 6R. The NDB latitude and longitude coordinates are 39°50'48.84" and 84°20'05.50".
8. All existing and future Inner Markers located within the Runway Safety Area should be mounted on frangible stands that do not exceed 3 inches in height.
9. All markings and signs will be completed and maintained in accordance with the latest version of Advisory Circulars 150/5340-1 and 150/5340-18.
10. The existing airport airshow auto parking east of North Dixie Drive and whithin the extended Runway 24L OFA will be subject to an annual Special Use Permit review by the FAA.
11. The installation of shielding material behind the Runway 18 localizer antenna may be necessary to mitigate any signal interruptions from activity on the adjacent service road.
12. Upgrade of any existing runway to Category III capability will require its parallel taxiway to be either relocated to a minimum centerline distance of 406.5 feet, or lower its elevation 1.3 feet below the runway elevation.
13. The portion of Taxiway "W" between Taxiways "M" & "T" is located 400' from the Existing Runway 6L–24R centerline. The Taxiway elevation is 1.3' below the Runway elevation to avoid penetration of the OFZ surface by taxiing aircraft.
14. The proposed new Air Traffic Control Tower and public parking garage have been pre-approved by the FAA under separate Environmental Assessment reports.
15. Upgrade to CAT III approach capability on the 24R, 24L, 18 and 36 Runway ends will be determined at the design stage of the specific runway projects.
16. Additional study of the obstruction lighting requirements and the Runway 18 threshold location and elevation will be undertaken during the design stage of this project.
17. Previous FAA Airspace Review comments are as follows:
    Airspace Case 00AGL–0933–NRA October 18, 2000
    Airspace Case 01AGL–0941–NRA February 8, 2002
    Airspace Case 2003–AGL–0958–NRA May 24, 2004
18. Abandoned pavement with the exception of future blast pads will be removed.

FUTURE AIRPORT FACILITIES

Bldg. No.	Elev. MSL	DESCRIPTION
B1	1260.0 1227.0 1222.5	Air Traffic Control Tower Elev @ Eye Level Elev @ CAB Floor Lat: 39° 54' 00.26" Lon: 84° 13' 31.71"
B2	1074.3	Auto Parking Garage (5 Levels, 4000 Spaces)
B3	---	Rental Car Campus
B4	---	Corporate Hangars
B5	---	New ARFF
B6	---	Fuel Stand Facility

Legend of PREFIXES & SUFFIXES

E-	Existing
F-	Future
R-	Relocated
D-	To be Demolished or Abandoned
-CA	Critical Area
-E	Extended

Legend of Terminology

ALSF-II	Approach Light System With Sequenced Flashing Lights (for ILS CAT II and CAT III Precision Approaches)
ARFF	Airport Rescue and Firefighting
ARP	Airport Reference Point
ASR	Airport Surveillance Radar
ASOS	Automated Surface Observation System
ATCT	Air Traffic Control Tower
CAT	Category of Instrument Approach
CL	Centerline
CA	Critical Area
DVOR/DME	Doppler Very High Frequency Omnirange with Distance Measuring Equipment
GS	Glide Slope
HIRL	High Intensity Runway Lights
ILS	Instrument Landing System
IM	Inner Marker
LLWAS	Low Level Wind Shear Alert System
LOC	Localizer
LOM	Compass Locator with Outer Marker
MALSR	Medium Intensity Approach Light System with Runway Alignment Indicator Lights
MIRL	Medium Intensity Runway Lights
MM	Middle Marker
NPI	Non-Precision Instrumentation
OFA	Object Free Area
OFA-E	Object Free Area - Extended
OM	Outer Marker
PAPI	Precision Approach Path Indicator
RAIL	Runway Alignment Indicator Lights
REIL	Runway End Identifier Lights
RPZ	Runway Protection Zone
RSA	Runway Safety Area
RTR	Remote Transmitter Receiver
RVR	Runway Visual Range
R/W	Runway
TBR	To Be Removed
TDZ	Touchdown Zone Lights
T/W	Taxiway
VASI	Visual Approach Slope Indicator
WSOCK	Windsock

Project Phasing Legend

- Phase I
- Phase II
- Phase III
- Pre-Approved Projects

LEGEND

EXISTING	FUTURE	DESCRIPTION
		AIRFIELD PAVEMENT
		ABANDONED PAVEMENT
		AIRPORT PROPERTY LINE
		AIRPORT REFERENCE POINT (ARP)
		AIRPORT ROTATING BEACON
		AVIGATION EASEMENT
		BUILDING OFF AIRFIELD
		BUILDING ON AIRFIELD
		DRAINAGE
		FENCING
100	100	TOPOGRAPHIC CONTOURS
		WIND INDICATOR (Lighted)
		COMMERCIAL DEVELOPMENT AREA
		AVIATION DEVELOPMENT AREA
		ROADS

DRAFT

0 800 1600
GRAPHIC SCALE IN FEET

MAGNETIC VARIANCE 4.8° West (June 1999)

DAYTON INTERNATIONAL AIRPORT

FUTURE AIRPORT LAYOUT PLAN

2 of 14

AIRPORT ELEVATION: 1009 MSL

DATE	REVISION	BY

approved by

FEDERAL AVIATION ADMINISTRATION
Director: Date:

DAYTON INTERNATIONAL AIRPORT
Director Date:

Landrum&Brown

DATE: Jan 19, 2005
APPROVED:
JOB NO.:
DRAWN: RPE

Drawing: W:\dev\ALP\Jan_2005\ALP\ALP_jpr.dwg <> Layout Name: 48x36 800 Scale <> Last Saved on: Friday, Jan 14 2005 @ 4:03 PM <> LwDefault of: 0.004