General Notes:
1. Horizontal Datum: NAD83; Vertical Datum: NAVD88.
2. Magnetic Declination from NOAA National Geophysical Data Center.
3. All marking and lighting should be done in accordance with FAA Advisory Circular 70/7460-1L
4. All previous easements are still in effect including the avigation easement over the golf course and industrial park.
5. Southern edge of property along Lakes Blvd. adjusted per client comment.
6. Future condition runway markings shown.
7. Inset imagery from ESRI Basemap Imagery (2018)
8. Taxilanes intended for Fire Marshall Access and ingress/egress of aircraft by owners of the respective lots.

9. This revision supercedes all prior revisions.

J. Drake 2/3/2022

Existing Airport Structures/Facilities		
ID	Name	Top Elevation
1	Private House/Hangar	4,438.96
2	Private House/Hangar	4,439.58
3	Private House/Hangar	4,437.56
4	Private House/Hangar	4,436.27
5	Private House/Hangar	4,433.95
6	Private House/Hangar	4,434.18
7	Private House/Hangar	4,431.39
8	Private House/Hangar	4,431.49
9	Private House/Hangar	4,429.99
10	Private House/Hangar	4,428.50
11	Private House/Hangar	4,427.54
12	Private House/Hangar	4,426.25
13	Private House/Hangar	4,424.82
14	Private House/Hangar	4,422.91
15	Private House/Hangar	4,422.91
16	Private House/Hangar	4,423.66
17	Private House/Hangar	4,426.58
18	Private House/Hangar	4,427.01
19	Private House/Hangar	4,424.29
20	Private House/Hangar	4,424.10
21	Private House/Hangar	4,428.62
22	Private House/Hangar	4,430.78
23	Private House/Hangar	4,431.94
24	Private House/Hangar	4,432.76
25	Private House/Hangar	4,436.22
26	Private House/Hangar	4,436.40
27	Private House/Hangar	4,428.77
28	Private House/Hangar	4,430.95
29	Private House/Hangar	4,429.83
30	Private House/Hangar	4,429.04
31	Private House/Hangar	4,430.42
32	Private House/Hangar	4,428.22
33	Private House/Hangar	4,426.21
34	Private House/Hangar	4,422.46
35	Private House/Hangar	4,422.57
36	Private House/Hangar	4,421.03

Existing Airport Structures/Facilities		
ID	Name	Top Elevation
37	Private House/Hangar	4,420.01
38	Private House/Hangar	4,421.03
39	Private House/Hangar	4,420.01
40	Private House/Hangar	4,414.50
41	Private House/Hangar	4,412.61
42	Private House/Hangar	4,405.20
43	Private House/Hangar	4,404.65
44	Private House/Hangar	4,405.58
45	Private House/Hangar	4,404.67
46	Private House/Hangar	4,405.56
47	Private House/Hangar	4,405.12
48	Private House/Hangar	4,406.48
49	Private House/Hangar	4,405.31
50	Private House/Hangar	4,406.11
51	Private House/Hangar	4,406.10
52	Private House/Hangar	4,406.88
53	Private House/Hangar	4,407.05
54	Private House/Hangar	4,404.34
55	Private House/Hangar	4,403.90
56	Private House/Hangar	4,404.42
57	Private House/Hangar	4,404.72
58	Private House/Hangar	4,404.93
59	Private House/Hangar	4,404.83
60	Private House/Hangar	4,405.26
61	Private House/Hangar	4,405.09
62	Private House/Hangar	4,406.06
63	Private House/Hangar	4,405.62
64	Private House/Hangar	4,406.87
65	Private House/Hangar	4,406.29
66	Wind Sock/Segmented Circle	4,397.39
67	Private Industry	TBD
68	Private Industry	TBD
69	Private Industry	TBD
70	Private Industry	TBD
71	Private Industry	TBD

Note: Private homes & hangars have a maximum height of 35' AGL. This height was added to DEM elevation to obtain the top elevation. Some structures may have a lower top elevation.

Future Airport Structures		
ID	Name	Top Elevation
A	Fuel Shack	TBD
B	WWII Hangar Museum	TBD
C	Ops/Twr/Museum	TBD
D	Korean War Hangar Museum	TBD
E	Vietnam Hangar Museum	TBD
F	Officers Club Museum	TBD
G	Barracks/Mess Hall	TBD
H	Guard House Museum	TBD
I	Wind Cone/Segmented Circle	TBD
J	ASOS	TBD
K	Rotating Beacon Museum	TBD
101-114	Future Hangars* 50'x55'	4,430'
115-128	Future Hangars* 55'x55'	4,430'

ALL WEATHER WIND COVERAGE				
Runways	10.5 Knots	13 Knots	16 Knots	20 Knots
Runway 5-23	97.53%	98.68%	99.66%	99.97%

RUNWAY DATA TABLE		RUNWAY 5-23			
		EXISTING		FUTURE[1]	
		5	23	5	23
Runway Identification					
Runway Design Code (RDC)		B-II-VIS		B-II-5000	
Approach Reference Code (APRC)		B/II/VIS		B/II/5000	
Departure Reference Code (DPRC)		B/II		B/II	
Runway Surface Material		Asphalt		Same	
Runway Pavement Strength (lbs.)		12,500		Same	
Runway Pavement Strength by PCN		N/A		N/A	
Runway Surface Treatment		None		None	
Runway Effective Gradient		0.00%		Same	
Meets Line-Of-Sight Requirement		Yes		Same	
Runway Percent Wind Coverage (All Weather)	10.5 Knots	97.53%		Same	
	13 Knots	98.68%		Same	
	16 Knots	99.66%		Same	
	20 Knots	99.91%		Same	
Runway Dimensions (L x W)		5,343' x 75'		Same	
Runway Displaced Threshold		990'	N/A	Same	Same
Runway Displaced Threshold Elevation		4402.1	N/A	Same	Same
Runway Safety Area Dimensions (width x length beyond end) - Design Standard		150' x 300'	150' x 300'	Same	Same
Runway Safety Area Dimensions (width x length beyond end) - Actual		150' x 300'	150' x 300'	Same	Same
Runway End Coordinates	Latitude	39° 14' 7.16" N	39° 14' 29.42" N	Same	Same
	Longitude	119° 33' 50.39" W	119° 32' 49.06" W	Same	Same
Runway End Elevations		4,415.06'	4,373.17'	Same	Same
Runway Lighting Type		None		Same	
Runway Protection Zone Dimensions		1,000' x 500' x 700'	1,000' x 500' x 700'	Same	Same
Runway Marking Type		Basic		Non-Precision	
14 CFR Part 77 Approach Slope		20:1	20:1	20:1	34:1
14 CFR Part 77 Approach Type		Visual	Visual	Visual	Non-Precision
Approach Visibility Minimums		VIS	VIS	VIS	NP
Type of Aeronautical Survey Required for Approach		NVG	NVG	NVG	VG
Departure Surface (Yes or N/A)		N/A	N/A	N/A	N/A
Runway Object Free Area Dimensions (width x length beyond end)		500' x 300'	500' x 300'	Same	Same
Runway Obstacle Free Zone Dimension (width x length beyond end)		400' x 200'	400' x 200'	Same	Same
Precision Obstacle Free Zone Dimension (Width x Length)		N/A	N/A	N/A	N/A
Obstacle Clearance Surface		#2	#4	Same	Same
Runway Visual and Instrument Navaids		WindCone, Segmented Circle	WindCone, Segmented Circle	Threshold Lights	REILs
Touchdown Zone Elevation (TDZE)		4402.10' MSL	4389.24' MSL	Same	Same
Vertical Datum		NAD83		NAD83	
Horizontal Datum		NAVD88		NAVD88	

[1]Runway numbers will be adjusted for magnetic declination upon re-painting of runway markings.

Runway Declared Distance	Runway 5-23			
	Existing		Future	
	5	23	5	23
Takeoff Run Available (TORA)	5,343'	5,343'	Same	Same
Takeoff Distance Available (TODA)	5,343'	5,343'	Same	Same
Accelerate-Stop Distance Available (ASDA)	5,343'	5,343'	Same	Same
Landing Distance Available (LDA)	4,353'	5,343'	Same	Same

TAXIWAY DATA TABLE							
Taxiway/Taxilane Designation	Taxiway Width	Taxilane Width	Taxiway/Taxilane Safety Area Dimension	Taxiway Object Free Area Dimension	Taxilane Object Free Area Dimension	Taxiway & Taxilane Separation[1]	Taxiway Lighting
Taxiway A	35'	N/A	79'	131'	N/A	None	None
Taxiway A1	35'	N/A	79'	131'	N/A	None	None
Taxiway A2	35'	N/A	79'	131'	N/A	None	None
Taxiway A3	35'	N/A	79'	131'	N/A	None	None
Future Taxiway A4	35'	N/A	79'	131'	N/A	None	None
Taxiway A5	35'	N/A	79'	131'	N/A	None	None
Taxiway B3	35'	N/A	79'	131'	N/A	None	None
Future Taxiway B	35'	N/A	79'	131'	N/A	None	None
Future Taxiway B1	35'	N/A	79'	131'	N/A	None	None
Future Taxiway B2	35'	N/A	79'	131'	N/A	None	None
Future Taxiway B4	35'	N/A	79'	131'	N/A	None	None
Future Taxiway B5	35'	N/A	79'	131'	N/A	None	None
Future Taxilanes J, K, L, M, N, P, Q	N/A	25'	79'	N/A	115'	TBD	None
Taxilanes C, D, E, F, G	N/A	25'	70'	N/A	115'	Private Hangars: -28'	None
Taxilane H, R, S	N/A	25'	79'	N/A	115'	Private Hangars: -28'	None

[1]Per SOP-2 Item D-26 on pg. A-17: List any objects located inside the TWY/TLN OFA. Also provide the distance from the TWY/TLN centerline to the fixed or movable object.

AIRPORT DATA			
City: Dayton, NV		County: Lyon	Owner: Airpark Estates Homeowners Association
Dayton Valley Airpark (A34)		**Existing**	**Future**
Airport Reference Code (ARC)		B-II	Same
Mean Maximum Temperature of Hottest Month[1]		88.6°/August	Same
Airport Elevation (NAVD 88)		4414.30' MSL	Same
Airport Navigational Aids		Wind Cone, Segmented Circle	Same
Airport Reference Point (ARP) Coordinates	Latitude	39° 14' 18.3" N	Same
	Longitude	119° 33' 19.60" W	Same
Miscellaneous Facilities		None	REILs, Threshold Lights
Design Critical Aircraft		Cessna Citation CJ3	Same
Wingspan of Design Aircraft (Feet)		53	Same
Tail Height of Design Aircraft (Feet)		15.1	Same
Approach Speed of Design Aircraft (Knots)		108	Same
Undercarriage Width of Design Aircraft (Feet)		16	Same
Magnetic Declination (Degrees)		13°11' East	Same
Declination Date		Jan-20	Same
Declination Source		NOAA	Same
NPIAS Service Level		None - Private	Same
State Service Role		None	Same

[1]Source - NOAA - Station ID: USW00022516 from 2009-2018

Magnetic Declination
13° 11' East (Jan. 2020)
Changing By 0° 6' West Per Year

0 300 600
1" = 300'

Legend

- Airport Reference Point (ARP)
- Airport Influence Area
- Manhole
- HOA Property Line
- Runway End
- Displaced Threshold
- Future Airport Beacon
- Future AWOS
- Future AWOS Critical Area
- Wind Sock
- Segmented Circle
- Fence
- Future Access Gate
- Existing Building
- Future Building
- Off Airport Building
- Existing Road
- Future Road
- Parking Lot
- Water Feature
- Drainage Line
- Existing Apron
- Future Apron
- Runway Pavement
- Runway Shoulder
- Existing Taxiway/Taxilane
- Future Taxiway/Taxilane
- Existing Shoulder
- Future Shoulder
- Existing/Future Runway Safety Area (RSA)
- Existing/Future Runway Obstacle Free Zone (ROFZ)
- Existing/Future Object Free Area (ROFA)
- Existing/Future Taxiway Safety Area (TSA)
- Existing/Future Taxiway Object Free Area (TOFA)
- Approach/Departure Runway Protection Zone (RPZ)

Airspace Surfaces

- Existing Approach Surface
- Existing Obstacle Clearance Surface
- Future Approach Surface
- Future Obstacle Clearance Surface

Future Lighting

- Runway Edge Lights (MIRL)
- Runway End Identifier Lights (REILs)
- Threshold Marking Lights

REVIEWED AND RECOMMEND APPROVAL
BY [signature]
PROJECT MANAGEMENT DIVISION
DATE Jul 11, 2022
NDOT AVIATION

Recorded at the request of Jon Linke on this 11th day of February 2022 at 8 minutes past 10am in the official records of Lyon County, Nevada. Mary Kathryn Hendon [signature] Deputy
Document # 652966

Approved by Airpark Estates Homeowners Association Board of Directors

[signature] PRESIDENT	2/3/2022	
RD Palmer Airport Manager	2-3-2022	

No.	REVISIONS	DATE	BY	APP'D

THE PREPARATION OF THESE DOCUMENTS WAS FINANCED BY THE DAYTON VALLEY AIRPARK HOMEOWNERS ASSOCIATION. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA OR THE STATE OF NEVADA DEPARTMENT OF TRANSPORTATION.ACCEPTANCE OF THESE DOCUMENTS DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH THE APPROPRIATE PUBLIC LAWS.

DAYTON VALLEY AIRPARK
AIRPORT LAYOUT PLAN DRAWING
DAYTON/CARSON CITY, NEVADA

PLANNED BY: *Matt Quick*
DETAILED BY: *Chris Donnelly*
APPROVED BY: *Tim Kahmann*
January 2022 SHEET **1** OF **2**

Coffman Associates Airport Consultants

OFFICIAL AIRPORT ADDRESS
399 Armstrong Ct
Dayton, NV 89403

EXISTING MODIFICATIONS TO STANDARDS APPROVAL TABLE			
APPROVAL DATE	AIRSPACE CASE NUMBER	STANDARD MODIFIED	DESCRIPTION
NONE			

#652966 2-17-22 pg 1 of 2