

RUNWAY DATA	RUNWAY 13-31			
	EXISTING		ULTIMATE	
RUNWAY IDENTIFICATION	Primary			
APPROACH REFERENCE CODE (APRC)	D/IV/4000, D/IV/4000			
DEPARTURE REFERENCE CODE (DPRC)	D/IV, D/IV			
RUNWAY DESIGN CODE (RDC)	B-II-4000			
CRITICAL DESIGN AIRCRAFT TYPE	Cessna Citation Sovereign			
WINGSPAN OF DESIGN AIRCRAFT	72.33'			
MAX. CERTIFIED TAKEOFF WEIGHT OF DESIGN A/C	30,775 lbs			
RUNWAY DIMENSIONS (L x W)	4200' x 100'			
RUNWAY TRUE BEARING (NGS SURVEY)	137.20° / 317.21°			
RUNWAY WIND COVERAGE (16 KNOTS/18 MPH)	98.75%			
RUNWAY SHOULDERS	None			
RUNWAY MAXIMUM ELEVATION/HIGH POINT OF RUNWAY	1317.6' MSL			
RUNWAY LOW POINT ELEVATION (NAVD-88)	1298.4' MSL			
RUNWAY LIGHTING	MIRL			
RUNWAY EFFECTIVE GRADIENT/MAXIMUM GRADIENT	0.46%			
RUNWAY SURFACE MATERIAL	Concrete			
RUNWAY PAVEMENT SURFACE TREATMENT	None			
RUNWAY PAVEMENT STRENGTH (IN THOUSAND LBS. #1)	30(S), 60(D)			
RUNWAY PAVEMENT STRENGTH (PCN)	None			
RUNWAY CENTERLINE TO PARALLEL TAXIWAY CENTERLINE	400'			
LINE OF SIGHT REQUIREMENT MET	Yes			
TAXIWAY LIGHTING	MTL, Reflectors			
TAXIWAY MARKING	Centerline			
TAXIWAY SURFACE MATERIAL	Concrete			
TAXIWAY CENTERLINE TO FIXED OR MOVABLE OBJECT	65.5'			
TAXIWAY WING TIP CLEARANCE	26'			
TAXIWAY WIDTH (TDG)	35' / TDG 2			
TAXILANE WIDTH and TAXILANE OBJECT FREE AREA WIDTH	25' (115')			
TAXIWAY SHOULDER WIDTH	None			
TAXIWAY & TAXILANE SAFETY AREA WIDTH	79'			
TAXIWAY OBJECT FREE AREA WIDTH	131' TOFA			
TAXIWAY HOLDING POSITION MARKING/HOLD SIGN	250'			
TAXIWAY EDGE SAFETY MARGIN (TESM)	7.5'			
14 CFR PART 77 APPROACH CATEGORY	NP-C	NP-C	NP-C	NP-C
14 CFR PART 77 APPROACH SURFACE	500' x 10,000' x 3500'	500' x 10,000' x 3500'	500' x 10,000' x 3500'	500' x 10,000' x 3500'
14 CFR PART 77 APPROACH SLOPE	34:1 Nonprecision	34:1 Nonprecision	34:1 Nonprecision	34:1 Nonprecision
RUNWAY PROTECTION ZONES	1000' x 1700' x 1510'	1000' x 1700' x 1510'	1000' x 1700' x 1510'	1000' x 1700' x 1510'
RUNWAY APPROACH VISIBILITY MINIMUMS (LOWEST)	7/8 mile	7/8 mile	7/8 mile	7/8 mile
RUNWAY MARKING	Nonprecision	Nonprecision	Nonprecision	Nonprecision
RUNWAY BLAST PAD	None	None	None	None
RUNWAY DISPLACED THRESHOLD	None	None	None	None
RUNWAY DISPLACED THRESHOLD ELEVATION	None	None	None	None
OBSTACLE CLEARANCE SURFACES (EB #99 Table 3-2)	20:1 (Rwy Type 4)	20:1 (Rwy Type 4)	20:1 (Rwy Type 4)	20:1 (Rwy Type 4)
RUNWAY END ELEVATION (NAVD88)	EL. 1317.6	EL. 1298.4	EL. 1323.0	EL. 1298.4
RUNWAY TOUCHDOWN ZONE ELEVATION (TDZE / NAVD 88)	EL. 1317.6	EL. 1314.4	EL. 1323.0	EL. 1314.4
RUNWAY SAFETY AREA (STANDARD RSA BEYOND STOP END)	Yes	Yes	Yes	Yes
RUNWAY SAFETY AREA (RSA Actual L x W)	4800' x 150'	4800' x 150'	7500' x 500'	7500' x 500'
OBJECT FREE AREA (STANDARD OFA BEYOND STOP END)	300' x 150'	300' x 150'	1000' x 500'	1000' x 500'
OBJECT FREE AREA (OFA Actual L x W)	4800' x 500'	4800' x 500'	7500' x 800'	7500' x 800'
OBSTACLE FREE ZONE (STANDARD OFZ BEYOND STOP END)	300' x 500'	300' x 500'	1000' x 800'	1000' x 800'
OBSTACLE FREE ZONE (OFZ Actual L x W)	4600' x 400'	4600' x 400'	5900' x 400'	5900' x 400'
TYPE OF AERONAUTICAL SURVEY REQUIRED FOR APPROACH	VG (2009)	VG (2009)	VG	VG
RUNWAY DEPARTURE SURFACE (EB #99 Table 3-2 OCS 40:1)	Yes	Yes	Yes	Yes
APPROACH INSTRUMENT APPROACH PROCEDURES	RNAV (GPS) LPV	RNAV (GPS) LPV	RNAV (GPS) LPV	RNAV (GPS) LPV
RUNWAY VISUAL AIDS (Lights)	PAPI-2	PAPI-2, REIL	PAPI-4, REIL	PAPI-4, MALS
1. PAVEMENT STRENGTHS ARE EXPRESSED IN SINGLE (S).				

AIRPORT DATA			
OWNER: Blair Airport Authority	CITY: Blair, NE	COUNTY: Washington, NE	
BLAIR MUNICIPAL AIRPORT (BTA)			
AIRPORT REFERENCE CODE	B-II	C-II	
CRITICAL DESIGN AIRCRAFT	Cessna Citation Sovereign	Cessna Citation X+	
WINGSPAN / UNDERCARRIAGE / APPROACH SPEED	72.33' / 27.83' / 108 Knots	69.17' / 29.92' / 132 Knots	
AIRPORT ELEVATION (NAVD 88)	1317.6' MSL	1323.0' MSL	
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH	87.3° F (July)	Same	
AIRPORT REFERENCE POINT (ARP)	Latitude: 41° 24' 53.30" N Longitude: 96° 6' 32.30" W	Latitude: 41° 24' 53.30" N Longitude: 96° 6' 32.30" W	
COORDINATES (NAD 83)	Latitude: 41° 24' 53.30" N Longitude: 96° 6' 32.30" W	Latitude: 41° 24' 53.30" N Longitude: 96° 6' 32.30" W	
AIRPORT INSTRUMENT APPROACH PROCEDURES / RNAV (GPS) APPROACH	RNAV GPS	RNAV GPS	
AIRPORT and TERMINAL NAVIGATIONAL AIDS	None	None	
MISCELLANEOUS FACILITIES	Airport Beacon Lighted Wind Cone AWOS-3	Airport Beacon Lighted Wind Cone AWOS-3	
NPIAS SERVICE LEVEL	General Aviation (GA)	Same	
STATE SERVICE ROLE	Regional	Same	

RUNWAY COORDINATES (NAD 83)			
BLAIR MUNICIPAL AIRPORT (BTA)		EXISTING	ULTIMATE
Runway 13 End-EL. 1317.6 (NAVD 88)	Latitude: 41° 25' 8.5395" N Longitude: 96° 6' 50.9922" W	Latitude: 41° 25' 8.5395" N Longitude: 96° 6' 50.9922" W	Latitude: 41° 25' 17.97" N Longitude: 96° 7' 2.6" W
Runway 31 End-EL. 1298.4 (NAVD 88)	Latitude: 41° 24' 38.0877" N Longitude: 96° 6' 13.5453" W	Latitude: 41° 24' 38.0877" N Longitude: 96° 6' 13.5453" W	Latitude: 41° 24' 38.0877" N Longitude: 96° 6' 13.5453" W

MODIFICATIONS TO FAA AIRPORT DESIGN STANDARDS			
STANDARD MODIFIED	DESCRIPTION	AIRSPACE CASE NUMBER	APPROVAL DATE
None			

Airport Facilities (FAA Owned)	
MALS (Ultimate)	

GENERAL NOTES:

- Depiction of features and objects, including related elevations and clearances, within the Inner Approach of the 14 CFR Part 77 are depicted on the INNER PORTION OF THE APPROACH SURFACE DRAWINGS.
- Details concerning terminal improvements depicted on the TERMINAL AREA DRAWING.
- Recommended land uses within the airport environs are depicted on the AIRPORT LAND USE DRAWING.
- NAVD 88 Datum was used for all vertical elevations and MADS 83 for all horizontal elevations.
- There are no Existing Runway Shoulders or Taxiway Shoulders, tables show standard requirements.
- See Inner Portion of Runway 13-31 Approach Surface Drawing, Approach Surface Profiles, Departure Surface Drawing for Obstacle Clearance Surfaces (OCS).
- No PACS or SACS found. See https://www.ngs.noaa.gov/cgi-bin/airports/prt77?TYPE=PACSAC

DECLARED DISTANCE			
	Existing	Rwy 13	Rwy 31
TAKEOFF RUN AVAILABLE (TORA)	4200'	4200'	5500'
TAKEOFF DISTANCE AVAILABLE (TODA)	4200'	4200'	5500'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	4200'	4200'	5500'
LANDING DISTANCE AVAILABLE (LDA)	4200'	4200'	5500'

LEGEND		
EXISTING	ULTIMATE	DESCRIPTION
---	---	ABANDONED PAVEMENT (To Be Removed)
---	---	AIRPORT PROPERTY LINE/FENCE
---	---	AIRPORT REFERENCE POINT (ARP)
---	---	AIRPORT ROTATING BEACON
---	---	BUILDING ABANDONMENT (To Be Removed)
---	---	BUILDING
---	---	DRAINAGE
---	---	PAVEMENT
---	---	FENCING (3'-6" AGL)
---	---	NAVIGATIONAL AID INSTALLATION (PAPI)
---	---	RUNWAY THRESHOLD LIGHTS and REIL
---	---	SECTION CORNER
---	---	WIND INDICATOR/WINDSOCK (WS)
---	---	TOPOGRAPHY (NAVD 88)
---	---	HOLDING POSITION MARKING
---	---	PARCELS
---	---	TSA
---	---	TOFA
---	---	EXTD OFA
---	---	xOFZ
---	---	xRSA
---	---	xROFA
---	---	AS
---	---	UAS
---	---	RUNWAY PROTECTION ZONE (RPZ)
---	---	BUILDING RESTRICTION LINE (BRL-35' Minimum)
---	---	AWOS
---	---	APPROACH LIGHT SYSTEM (MALS)
---	---	EASEMENT
---	---	TIE-DOWNS
---	---	ROAD and PARKING
---	---	PROPERTY (Future Airport Acquisition)
---	---	TREES
---	---	SAME
---	---	SAME
---	---	PONDS
---	---	FUTURE APRON / TAXIWAY PAVEMENT

FOR APPROVAL BY

Blair Airport Authority

DATE: 4.15.2019

BUILDINGS/FACILITIES		
DESCRIPTION	Elevation	
1 HANGAR	1339.2 MSL	
2 FBO HANGAR	1341.3 MSL	
3 SELF-SERVICE FUEL	1324.7 MSL	
4 HANGAR	1344.7 MSL	
5 T-HANGAR	1334.7 MSL	
6 BOX HANGAR	1338.9 MSL	
7 T-HANGAR	1342.9 MSL	
8 T-HANGAR	1342.9 MSL	
9 T-HANGAR	1343.0 MSL	
10 T-HANGAR	1343.5 MSL	
11 OL AIRPORT BEACON	1376.2 MSL	
12 ELECTRICAL VAULT	1327.2 MSL	
13 BUILDING	1336.0 MSL	
14 OL WINDSOCK	1322.4 MSL	
15 AWOS	1332.7 MSL	
16 BUILDING	1292.2 MSL	
17 HANGAR	1343.0 MSL	
18 HANGAR	1342.0 MSL	
19 HANGAR	1342.0 MSL	
20 HANGAR	1342.0 MSL	
21 HANGAR	1342.0 MSL	
22 AIRPORT MAINTENANCE BUILDING	1320.0 MSL	

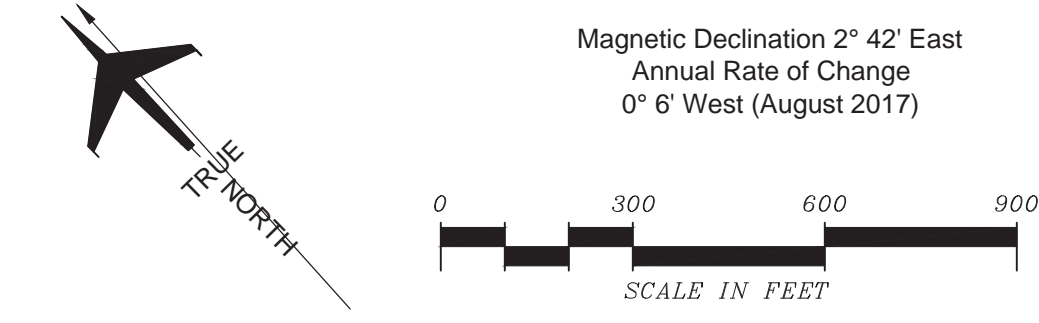
ULTIMATE BUILDINGS/FACILITIES		
DESCRIPTION	Elevation	
30 T-HANGAR (8-units)	20' AGL	
31 T-HANGAR (8-units)	20' AGL	
32 T-HANGAR (8-units)	20' AGL	
33 T-HANGAR (8-units)	20' AGL	
34 T-HANGAR (10-units)	20' AGL	
35 T-HANGAR (10-units)	20' AGL	
36 T-HANGAR (10-units)	20' AGL	
37 T-HANGAR (10-units)	20' AGL	
38 TERMINAL BUILDING/RESTAURANT	35' AGL	
39 WASH RACK	25' AGL	
40 CONVENTIONAL HANGAR	35' AGL	
41 CONVENTIONAL HANGAR	35' AGL	
42 CONVENTIONAL HANGAR	35' AGL	
43 CONVENTIONAL HANGAR	35' AGL	
44 CONVENTIONAL HANGAR	35' AGL	
45 CONVENTIONAL HANGAR	35' AGL	
46 CONVENTIONAL HANGAR	35' AGL	
47 CONVENTIONAL HANGAR	35' AGL	
48 CONVENTIONAL HANGAR	35' AGL	
49 CONVENTIONAL HANGAR	35' AGL	
50 CONVENTIONAL HANGAR	35' AGL	
51 CONVENTIONAL HANGAR	35' AGL	
52 CONVENTIONAL HANGAR	35' AGL	
53 CONVENTIONAL HANGAR	35' AGL	
54 4-BAY BOX HANGAR	20' AGL	
55 4-BAY BOX HANGAR	20' AGL	
56 PRIVATE FUEL FARM	15' AGL	

CONDITIONAL APPROVAL

The approval of this ALP is limited to existing facilities only (or those specific areas that FAA retains approval authority). FAA will separately determine whether it retains approval authority for each individual proposed facility depicted on the ALP before construction occurs and whether or not environmental review is required under NEPA. This is more fully described in our approval letter dated 3/21/2019. This approval action does not imply any commitment for Federal funding, or approval of future structures requiring notice under FAR Part 77.

SADIE ANDREA ROBB
Planner | FAA Central Region

Digitally signed by SADIE ANDREA ROBB
Date: 2025.04.21 10:32:42 -05'00'



NO.	REVISIONS	DATE	BY	APPD.
	AIP-021 AS-BUILTS (OBSTRUCTION REMOVAL)	3/2025	JDB	HAO
	AIP-016 AS-BUILTS (ACCESS ROAD CONSTRUCTION)	11/2020	JDB	HAO

BLAIR EXECUTIVE AIRPORT

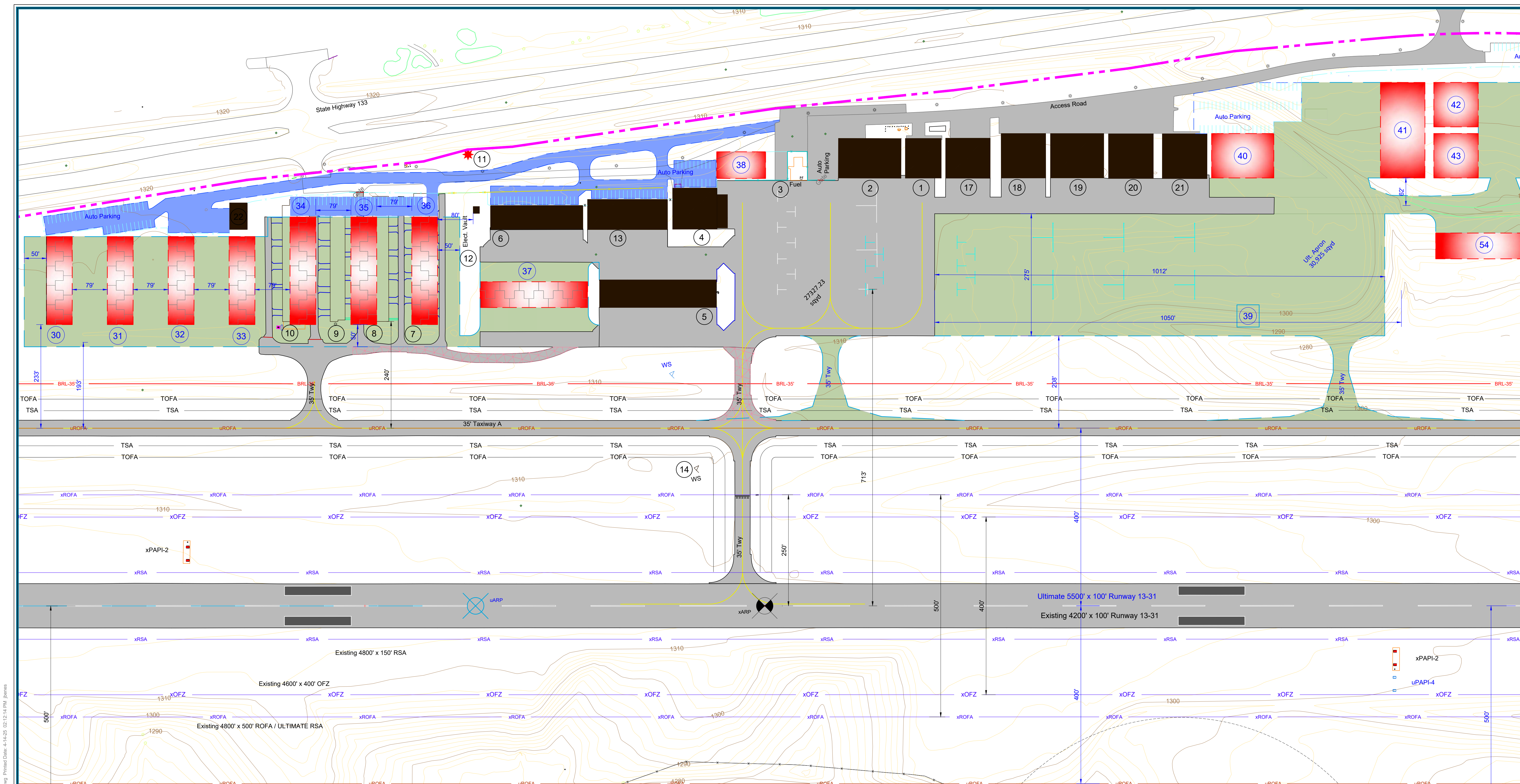
AIRPORT LAYOUT PLAN DRAWING

Blair, Nebraska

PLANNED BY: Tyler Huber
DETAILED BY: Larry D. Johnson
APPROVED BY: Mike W. Dmylenko

March 13, 2019 SHEET 2 OF 10

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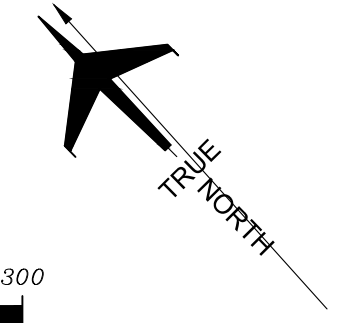
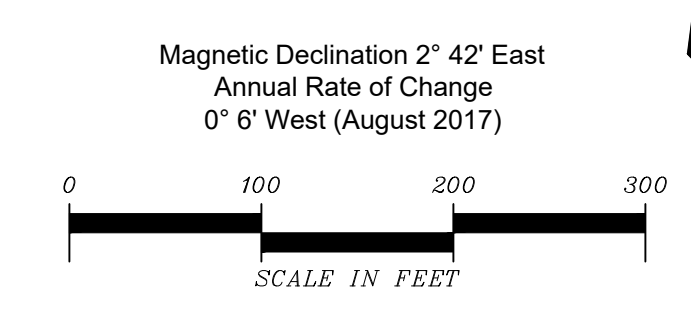


LEGEND		
EXISTING	ULTIMATE	DESCRIPTION
		ABANDONED PAVEMENT (To Be Removed)
		AIRPORT PROPERTY LINE/FENCE
		AIRPORT REFERENCE POINT (ARP)
		AIRPORT ROTATING BEACON
		BUILDING ABANDONMENT (To Be Removed)
		BUILDING
		DRAINAGE
		PAVEMENT
		FENCING (3'-6" AGL)
		NAVIGATIONAL AID INSTALLATION (PAPI)
		RUNWAY THRESHOLD LIGHTS AND REIL
		SECTION CORNER
		WIND INDICATOR/WINDSOCK (WS)
		TOPOGRAPHY (NAVD 88)
		HOLDING POSITION MARKING
		PARCELS
		TAXIWAY SAFETY AREA (75')
		TAXIWAY OBJECT FREE AREA (131')
		OBSTACLE FREE ZONE (OFZ)
		RUNWAY SAFETY AREA (RSA)
		RUNWAY OBJECT FREE AREA (ROFA)
		BUILDING RESTRICTION LINE (BRL-35' Minimum)
		ROAD AND PARKING
		TIE-DOWNS
		TREES
		PONDS

ULTIMATE BUILDINGS/FACILITIES		
DESCRIPTION	Elevation	
30 T-HANGAR (8-units)	20' AGL	
31 T-HANGAR (8-units)	20' AGL	
32 T-HANGAR (8-units)	20' AGL	
33 T-HANGAR (8-units)	20' AGL	
34 T-HANGAR (10-units)	20' AGL	
35 T-HANGAR (10-units)	20' AGL	
36 T-HANGAR (10-units)	20' AGL	
37 T-HANGAR (10-units)	20' AGL	
38 TERMINAL BUILDING/RESTAURANT	35' AGL	
39 WASH RACK	25' AGL	
40 CONVENTIONAL HANGAR	35' AGL	
42 CONVENTIONAL HANGAR	35' AGL	
43 CONVENTIONAL HANGAR	35' AGL	
54 T-HANGAR (10-units)	20' AGL	

BUILDINGS/FACILITIES		
DESCRIPTION	Elevation	Lighted (OL)
1 HANGAR	1339.2 MSL	No
2 FBO HANGAR	1341.3 MSL	No
3 SELF-SERVICE FUEL	1324.7 MSL	No
4 HANGAR	1344.7 MSL	No
5 T-HANGAR	1334.7 MSL	No
6 BOX HANGARS	1338.9 MSL	No
7 T-HANGAR	1342.9 MSL	No
8 T-HANGAR	1342.9 MSL	No
9 T-HANGAR	1343.0 MSL	No
10 T-HANGAR	1343.5 MSL	No
11 OL AIRPORT BEACON	1376.2 MSL	Yes
12 ELECTRICAL VAULT	1327.2 MSL	No
13 BUILDING	1336.0 MSL	No
14 OL WINDSOCK	1322.4 MSL	Yes
17 HANGAR	1343.0 MSL	No
18 HANGAR	1342.0 MSL	No
19 HANGAR	1342.0 MSL	No
20 HANGAR	1342.0 MSL	No
21 HANGAR	1342.0 MSL	No
22 AIRPORT MAINTENANCE BUILDING	1320.0 MSL	No

REFER TO SHEET 1 FOR ADDITIONAL ULTIMATE BUILDINGS/FACILITIES LAYOUT.



BLAIR EXECUTIVE AIRPORT
TERMINAL AREA DRAWING

Blair, Nebraska

PLANNED BY: *Tyler Huber*
 DETAILED BY: *Larry D. Johnson*
 APPROVED BY: *Mike W. Dmylenko*

March 13, 2019 SHEET 8 OF 10

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