19° 9.6' W Mag. Dec.
-0°4.6' Annual Change
June 2001

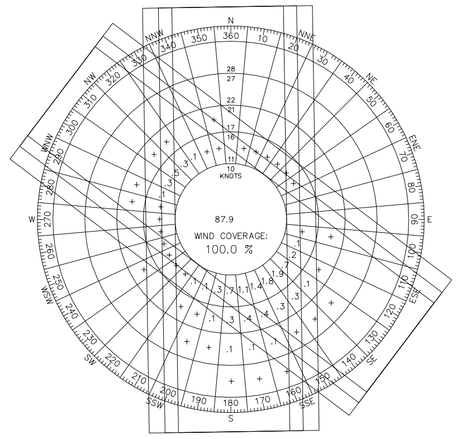
True North

0 250' 500' 1000' 1500'

GRAPHIC SCALE IN FEET

FOR REFERENCE ONLY
INFORMATION IS NOT GUARANTEED TO BE ACCURATE
NOT TO SCALE

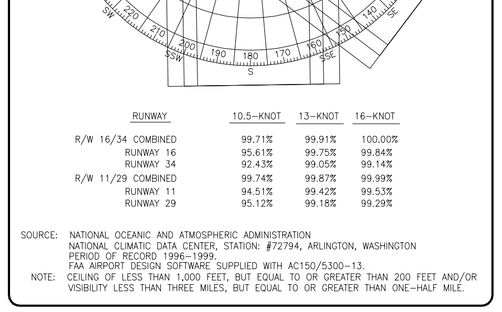
ALL WEATHER WINDROSE



RUNWAY	10.5-KNOT	13-KNOT	16-KNOT
R/W 16/34 COMBINED	98.29%	99.57%	99.94%
RUNWAY 16	70.67%	71.52%	71.75%
RUNWAY 34	63.70%	64.12%	64.42%
R/W 11/29 COMBINED	97.44%	98.75%	99.56%
RUNWAY 11	69.31%	70.57%	71.33%
RUNWAY 29	64.20%	64.25%	64.30%
ALL RUNWAYS	**94.06%**	**99.75%**	**100.00%**

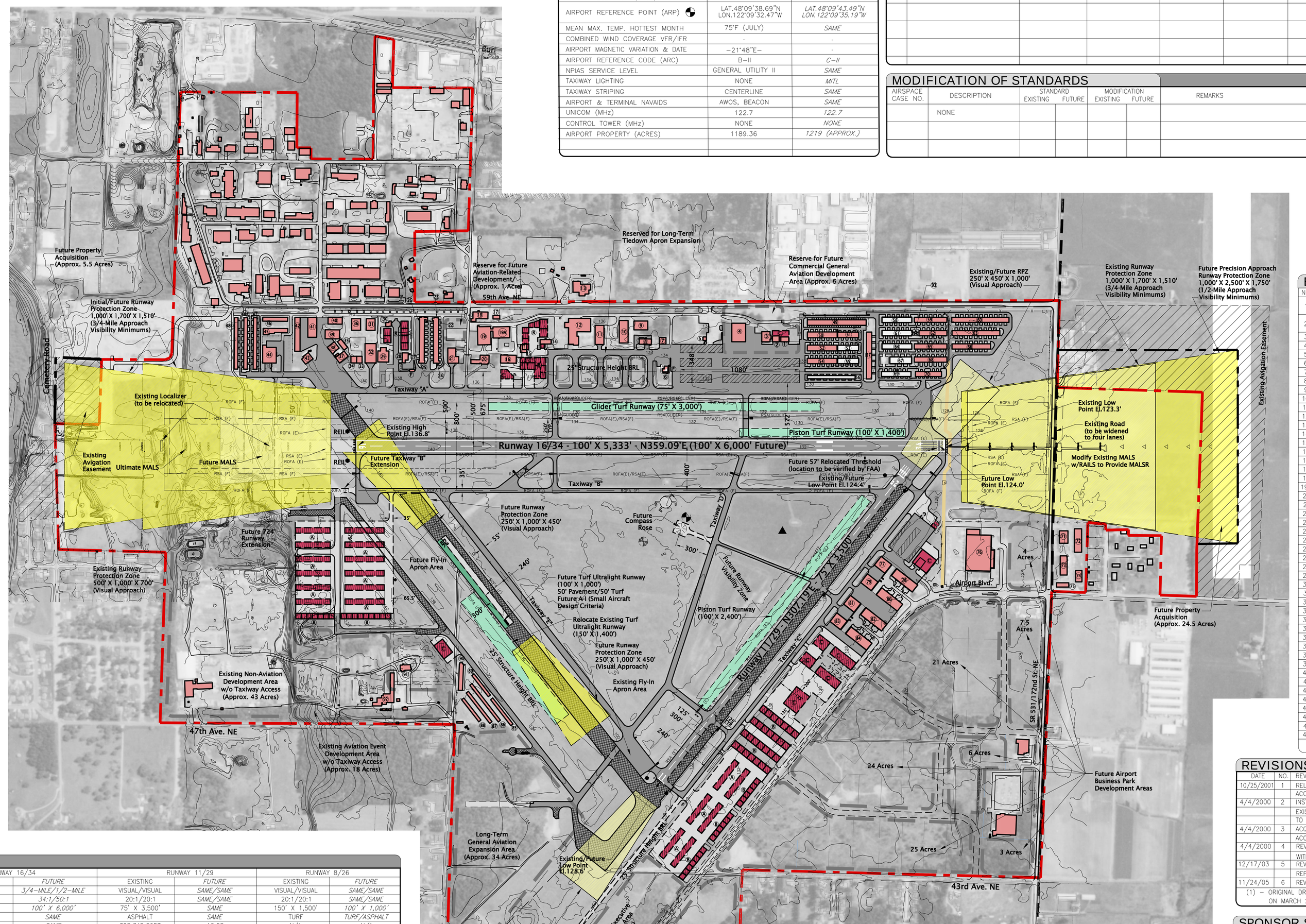
SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL CLIMATIC DATA CENTER, STATION: #72794, ARLINGTON, WASHINGTON
PERIOD OF RECORD 1996–1999.
FAA AIRPORT DESIGN SOFTWARE SUPPLIED WITH AC150/5300–13.

IFR WINDROSE



RUNWAY	10.5-KNOT	13-KNOT	16-KNOT
R/W 16/34 COMBINED	99.71%	99.91%	100.00%
RUNWAY 16	95.61%	99.75%	99.84%
RUNWAY 34	92.43%	99.05%	99.14%
R/W 11/29 COMBINED	99.74%	99.87%	99.99%
RUNWAY 11	94.51%	99.42%	99.53%
RUNWAY 29	95.12%	99.18%	99.29%

SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL CLIMATIC DATA CENTER, STATION: #72794, ARLINGTON, WASHINGTON
PERIOD OF RECORD 1996–1999.
FAA AIRPORT DESIGN SOFTWARE SUPPLIED WITH AC150/5300–13.
NOTE: CEILING OF LESS THAN 1,000 FEET, BUT EQUAL TO OR GREATER THAN 200 FEET AND/OR VISIBILITY LESS THAN THREE MILES, BUT EQUAL TO OR GREATER THAN ONE-HALF MILE.



AIRPORT DATA

ITEM	EXISTING	*FUTURE*
AIRPORT ELEVATION (AMSL)	136.8'	*SAME*
AIRPORT REFERENCE POINT (ARP)	LAT.48°09'38.69"N LON.122°09'32.47"W	*LAT.48°09'43.49"N LON.122°09'35.19"W*
MEAN MAX. TEMP. HOTTEST MONTH	75°F (JULY)	*SAME*
COMBINED WIND COVERAGE VFR/IFR	-	-
AIRPORT MAGNETIC VARIATION & DATE	-21°48"E-	-
AIRPORT REFERENCE CODE (ARC)	B-II	*C-II*
NPIAS SERVICE LEVEL	GENERAL UTILITY II	*SAME*
TAXIWAY LIGHTING	NONE	*MITL*
TAXIWAY STRIPING	CENTERLINE	*SAME*
AIRPORT & TERMINAL NAVAIDS	AWOS, BEACON	*SAME*
UNICOM (MHz)	122.7	*122.7*
CONTROL TOWER (MHz)	NONE	*NONE*
AIRPORT PROPERTY (ACRES)	1189.36	*1219 (APPROX.)*

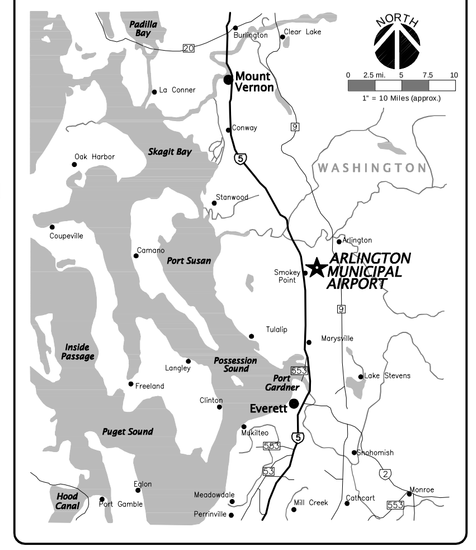
NON-STANDARD CONDITIONS

NO.	DESCRIPTION	EXISTING CONDITION	EXISTING STANDARD	FUTURE CONDITION	FUTURE STANDARD	DISPOSITION
	NONE					

MODIFICATION OF STANDARDS

AIRSPACE CASE NO.	DESCRIPTION	STANDARD EXISTING	STANDARD FUTURE	MODIFICATION EXISTING	MODIFICATION FUTURE	REMARKS	APPROVAL DATE
	NONE						

VICINITY MAP



BUILDINGS

NO.	DESCRIPTION	ELEVATION	NO.	DESCRIPTION	ELEVATION
1	AIR TRANSPORT INDUSTRIES (TO BE REMOVED)	154.0'	48A	T-HANGAR	159.8'
			48B	T-HANGAR	160.0'(E)
2	AIR TRANSPORT INDUSTRIES (TO BE REMOVED)	154.2'	49	T-HANGAR	
			50	T-HANGAR	152.4'
3	NAVY HANGARS	171.8'	51	T-HANGAR	154.3'
4	NAVY HANGARS	168.6'	52	T-HANGAR	152.2'
5	AIRPORT OFFICE	143.2'	53	T-HANGAR	155.1'
6	GATEWAY CAFE	154.0'	54	T-HANGAR	152.0'
7	HANGAR	181.1'	55	T-HANGAR	154.9'
8	ARLINGTON HELICOPTER	156.6'	56	T-HANGAR	147.1'
9	UNIVERSAL AEROSPACE BUILDING	161.0'	57	T-HANGAR	151.6'
10	BUILDING	161.0'	58	T-HANGAR	151.7'
11	CANNON AVIONICS	161.3'	59	T-HANGAR	150.5'
12	FLIGHT STRUCTURES	164.1'	60	T-HANGAR	146.0'
13	YOUTH CENTER/CITY OWNED	169.2'	61	T-HANGAR	151.9'
14	MULDOON AVIATION	158.8'	62	T-HANGAR	150.5'
15	TO BE REMOVED	155.7'	63	T-HANGAR	146.0'
16	HANGAR	158.2'	64	T-HANGAR	151.6'
17	BUILDING	155.1'	65	T-HANGAR	150.6'
18	VOCATIONAL SCHOOL	165.0'	66	T-HANGAR	146.0'
19	STODDARD HAMILTON GLASAIR	159.3'	67	T-HANGAR	158.1'
19A	STODDARD INTERNATIONAL	160.4'	68	T-HANGAR	150.6'
20	STODDARD HAMILTON GLASAIR	159.8'	69	T-HANGAR	151.8'
21	HANGAR	169.4'	70	T-HANGAR	148.4'
22	AERONAUTICAL TESTING SERVICES	162.0'	71	BUILDING	150.0'
23	ARLINGTON ASSO.	162.0'	72	BUILDING	152.0'
24	WRANGELL ELECTRONICS	162.0'	73	BUILDING	151.0'
25	SKYLINE AVIATION	162.0'	74	BUILDING	145.0'
26	FLYING J DELI	162.0'	75	BUILDING	139.0'
27	NW PILOT SHOP/AERO BOOKS	145.5'	76	BUILDING	159.0'
28	AVIATION INSPECTION & REPAIR	170.1'	77	HANGAR	155.0'
29	PRIVATE HANGAR	163.8'	78	HANGAR	155.0'
30	HANGAR	160.0'	79	HANGAR	155.0'
31	MORGAN BRANCH GNC	161.2'	80	HANGAR	155.0'
32	TWIN COMMANDER AIRCRAFT CP.	165.7'	81	HANGAR	155.0'
33	PRIVATE HANGAR	160.3'	82	HANGAR	155.0'
34	CUNNINGHAM AIRCRAFT COVERS	160.3'	83	HANGAR	155.0'
35	PARA-PHERNALIA	161.7'	84	HANGAR	155.0'
36	ARLINGTON GLASS	161.5'	85	ULTRALIGHT T-HANGAR	149.5'
37	U.S. MARINE	167.5'	86	ULTRALIGHT T-HANGAR	151.5'
38	U.S. MARINE	167.0'	87	ULTRALIGHT T-HANGAR	149.5'
39	NSI PROPULSION	162.5'	88	ULTRALIGHT T-HANGAR	148.7'
40	NSI PROPULSION	163.8'	89	ULTRALIGHT T-HANGAR	150.5'
41	CONDO HANGARS	162.3'	90	HANGAR	155.4'
42	CONDO HANGARS	158.2'	91	BUILDING	162.1'
43	PRIVATE HANGAR	172.5'	92	BUILDING	169.9'
44	PACIFIC MARINE MANAGEMENT	180.8'	93	ROTATING BEACON W/OBSTRUCTION LIGHT (OL)	186.0'@O.L.
45	CONDO HANGARS	167.7'	A	FUTURE T-HANGAR	
46	CONDO HANGARS	163.5'	B	FUTURE EXECUTIVE HANGAR	
47	T-HANGAR	160.3'	C	FUTURE COMMERCIAL HANGAR	

(E) – Estimated

REVISIONS(1)

DATE	NO.	REVISION	BY
10/25/2001	1	RELOCATE THE RUNWAY 34 THRESHOLD APPROXIMATELY 57 FEET TO ACCOMMODATE FUTURE ARC C-II DIMENSIONAL CRITERIA.	BARNARD DUNKELBERG & CO.
4/4/2000	2	INSTALL RUNWAY ALIGNMENT INDICATOR LIGHTS (RAILS) TO EXISTING MEDIUM INTENSITY APPROACH LIGHTING SYSTEM (MALS) TO ACHIEVE FUTURE 1/2-MILE APPROACH VISIBILITY MINIMUMS.	BARNARD DUNKELBERG & CO.
4/4/2000	3	ACQUIRE PROPERTY (I.E., APPROXIMATELY 2.4 ACRES) TO ACCOMODATE FUTURE RAILS.	BARNARD DUNKELBERG & CO.
4/4/2000	4	REVISE FUTURE ALIGNMENT OF AIRPORT BOULEVARD TO CONNECT WITH 188TH ST. N.E.	BARNARD DUNKELBERG & CO.
12/17/03	5	REVISE NORTH APRON, TW B AND TAXILANE A FROM 2001–2003 CONST. REPOSITION 11/29 REILS AND 29 PAPI TO FIELD LOCATIONS	REID MIDDLETON, INC.
11/24/05	6	REVISE TW B EXT. & NEW TW E FROM 2004 CONST.	REID MIDDLETON, INC.

(1) – ORIGINAL DRAWING WAS PREPARED BY W&H PACIFIC, WITH REVISIONS REQUESTED BY THE CITY OF ARLINGTON, ON MARCH 28, 2000.

SPONSOR SIGNATURE

SPONSOR SIGNATURE DATE

NOTES

1. This drawing reflects planning standards specific to this airport, and is not a product of detailed engineering design analysis. It is not intended to be used for construction documentation or navigation.
2. All coordinate information is NAD 83.
3. Vertical Datum from National Geodetic Vertical Datum of 1929.
4.

RUNWAY DATA

	RUNWAY 16/34		RUNWAY 11/29		RUNWAY 8/26	
	EXISTING	*FUTURE*	EXISTING	*FUTURE*	EXISTING	*FUTURE*
APPROACH VISIBILITY MINIMUMS	VISUAL/3/4-MILE	*3/4-MILE/1/2-MILE*	VISUAL/VISUAL	*SAME/SAME*	VISUAL/VISUAL	*SAME/SAME*
FAR PART 77 APPROACH SLOPE	20:1/34:1	*34:1/50:1*	20:1/20:1	*SAME/SAME*	20:1/20:1	*SAME/SAME*
RUNWAY WIDTH X LENGTH	100' X 5,333'	*100' X 6,000'*	75' X 3,500'	*SAME*	150' X 1,500'	*100' X 1,000'*
PAVEMENT TYPE	ASPHALT	*SAME*	ASPHALT	*SAME*	TURF	*TURF/ASPHALT*
PAVEMENT STRENGTH (IN 1000 LBS.)	114S,150D,270DT	*SAME*	32S,34D,59DT	*12.5S*	N/A	*N/A*
RUNWAY LIGHTING	MIRLS	*SAME*	NONE	*MIRLS*	NONE	*SAME*
RUNWAY MARKING	BASIC/NON-PRECISION	*NON-PRECISION/PRECISION*	BASIC/BASIC	*SAME*	N/A	*N/A*
PERCENT GRADIENT	0.257%	*SAME*	0.089%	*SAME*	NOT SPECIFIED	*0.1%*
THRESHOLD SITING CRITERIA	CRITERIA MET	*SAME*	CRITERIA MET	*SAME*	CRITERIA MET	*SAME*
LINE OF SIGHT REQUIREMENTS	CRITERIA MET	*SAME*	CRITERIA MET	*SAME*	CRITERIA MET	*SAME*
PERCENT ALL WEATHER WIND COVERAGE(10.5,13,16-KNOTS)	99.71.99.91,100.0	*SAME*	99.74,99.87,99.99	*SAME*		
VISUAL APPROACH AIDS	PAPI/MALS,PAPI	*MALS,PAPI/MALSR,PAPI*	NONE/NONE	*PAPI/PAPI*	NONE/NONE	*SAME*
INSTRUMENT APPROACH AIDS	NDB,GPS,LOCALIZER	*SAME*	NONE	*SAME*	NONE	*SAME*
AIRPORT REFERENCE CODE	B-II	*C-II*	A-I(SMALL A/C ONLY)	*SAME*	A-I(SMALL A/C ONLY)	*SAME*
CRITICAL AIRCRAFT	BEECH SUPER KING AIR B200	*A-125 HS125/BEECH SUPER KING AIR*	CESSNA 172	*SAME*	ULTRALIGHT(TYP.)	*SAME*
RUNWAY SAFETY AREA WIDTH	150'	*500'*	120'	*SAME*	NOT SPECIFIED	120'
RUNWAY SAFETY AREA LENGTH BEYOND R/W END	240'	*1000'*	240'	*SAME*	NOT SPECIFIED	240'
RUNWAY OBJECT FREE AREA WIDTH	500'	*800'*	250'	*SAME*	NOT SPECIFIED	250'
RUNWAY OBJECT FREE AREA LENGTH BEYOND R/W END	240'	*1000'*	240'	*SAME*	NOT SPECIFIED	240'
OBSTACLE FREE ZONE WIDTH	250'	*SAME*	250'	*SAME*	NOT SPECIFIED	250'
OBSTACLE FREE ZONE LENGTH BEYOND R/W END	240'	*SAME*	240'	*SAME*	NOT SPECIFIED	240'
RUNWAY END COORDINATES	LAT.48°10'09.65"N LON.122°09'23.50"W / LAT.48°09'17.03"N LON.122°09'22.25"W	*LAT.48°10'16.56"N LON.122°09'23.66"W / LAT.48°09'17.59"N LON.122°09'22.26"W*	LAT.48°09'42.05"N LON.122°10'07.67"W / LAT.48°09'21.17"N LON.122°09'26.54"W	*SAME SAME / SAME SAME*	LAT.48°09'57.77"N LON.122°09'39.50"W / LAT.48°09'48.66"N LON.122°09'56.95"W	*LAT.48°10'02.05"N LON.122°09'35.83"W / LAT.48°09'53.28"W*
RUNWAY ELEVATIONS END	136.8'/123.3'	*SAME/124.0'(est.)*	128.6'/124.4'	*SAME/SAME*	NOT SPECIFIED	*135.0'/136.5'*
RELOCATED THRESHOLD	NONE	*NONE/124.0'(est.)*	NONE	*NONE*	NONE	*NONE*
TOUCHDOWN ZONE ELEVATION	136.8'/131.5'	*SAME/SAME*	128.6'/128.5'	*SAME/SAME*	NOT SPECIFIED	*136.5'/136.5'*
DECLARED DISTANCES						
TAKE-OFF RUN AVAILABLE (TORA)	5,333'/5,333	*6,000'/6,000'*	3,500'/3,500'	*SAME*	1,500'/1,500'	*SAME*
TAKE-OFF DISTANCE AVAILABLE (TODA)	5,333'/5,333	*6,000'/6,000'*	3,500'/3,500'	*SAME*	1,500'/1,500'	*SAME*
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	5,333'/5,333	*6,000'/6,000'*	3,500'/3,500'	*SAME*	1,500'/1,500'	*SAME*
LANDING DISTANCE AVAILABLE (LDA)	5,333'/5,333	*6,000'/6,000'*	3,500'/3,500'	*SAME*	1,500'/1,500'	*SAME*

LAYOUT LEGEND

ITEM	EXISTING	*FUTURE*
BUILDING RESTRICTION LINE	BRL	*BRL*
AIRPORT PROPERTY LINE		
FENCE		
AVIATION EASEMENT		
RUNWAY PROTECTION ZONE		
BUILDINGS		
AIRFIELD PAVEMENT		
AIRFIELD PAVEMENT (TO BE REMOVED)		
TURF		
ROADS		
FLIGHTLINE SERVICE-SELF SERVE FUEL	F	F
BEACON		
LIGHTED WIND CONE & SEGMENTED CIRCLE		
AIRPORT REFERENCE POINT		
PRECISION APPROACH PATH INDICATOR (PAPI)		
RUNWAY END IDENTIFIER LIGHTS (REILS)		
RUNWAY SAFETY AREA (RSA)	RSA (E)	RSA (F)
RUNWAY OBJECT FREE AREA (ROFA)	ROFA (E)	ROFA (F)
ALL WEATHER OBSERVING SYSTEM (AWOS)		
THRESHOLD LIGHTS		
HOLDLINES & SIGNS		

Arlington Municipal Airport

Arlington, Washington

Figure F1

Airport Layout Plan

Barnard Dunkelberg & Company
Tulsa, Oklahoma

December 2003 | Scale 1" = 500' | F.3