



U.S. Department
of Transportation
**Federal Aviation
Administration**

Alaskan Region Airports Division

222 W. 7th Avenue, #14
Anchorage, Alaska 99513-7587
Tel. (907) 271-5438 / Fax (907) 271-2851

June 24, 2019

Jourde Mitchell
ADOT&PF Aviation Design
4111 Aviation Ave
Anchorage, AK 99519-6900

Dear Ms. Mitchell:

**Koliganek Airport
Koliganek, Alaska
As-Built Airport Layout Plan (5 June 2019)
(Original ALP Airspace #2011-AAL-50-NRA)**

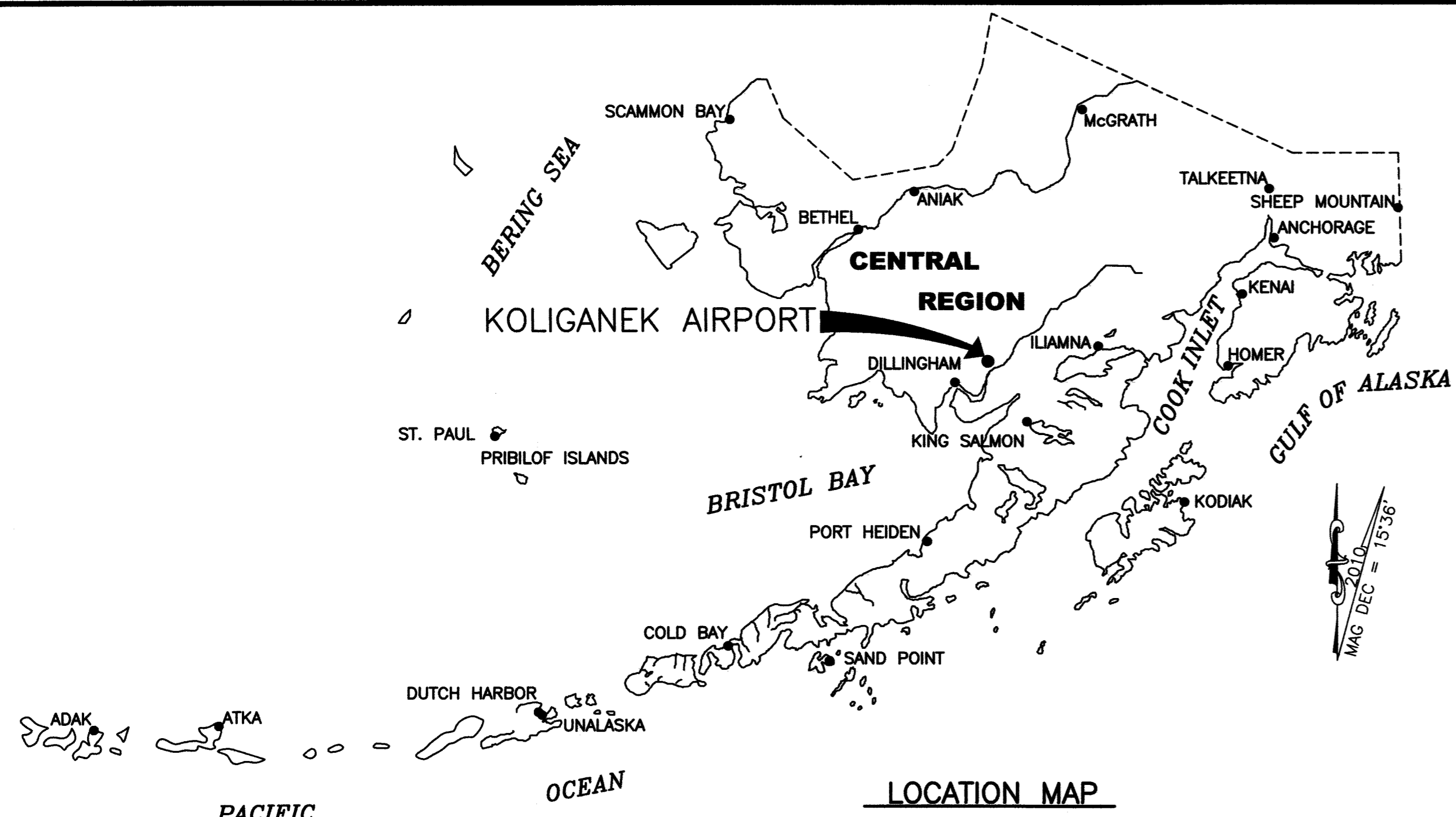
We have completed our review of the Koliganek Airport As-Built Airport Layout Plan (ALP) dated 5 June, 2019, and find it acceptable for documenting the existing conditions of the airport.

Please retain this letter in your files for future reference.

Sincerely,

Pat Zettler, P.E., Lead Engineer
Airports Division

Date Plotted: 16/05/2019, 1:00 PM
 Drawn By: [Name]
 Checked By: [Name]
 File Name: W:\Projects\KOLIGANEK\ALP\ALP_2016\Data_Sheet.dwg

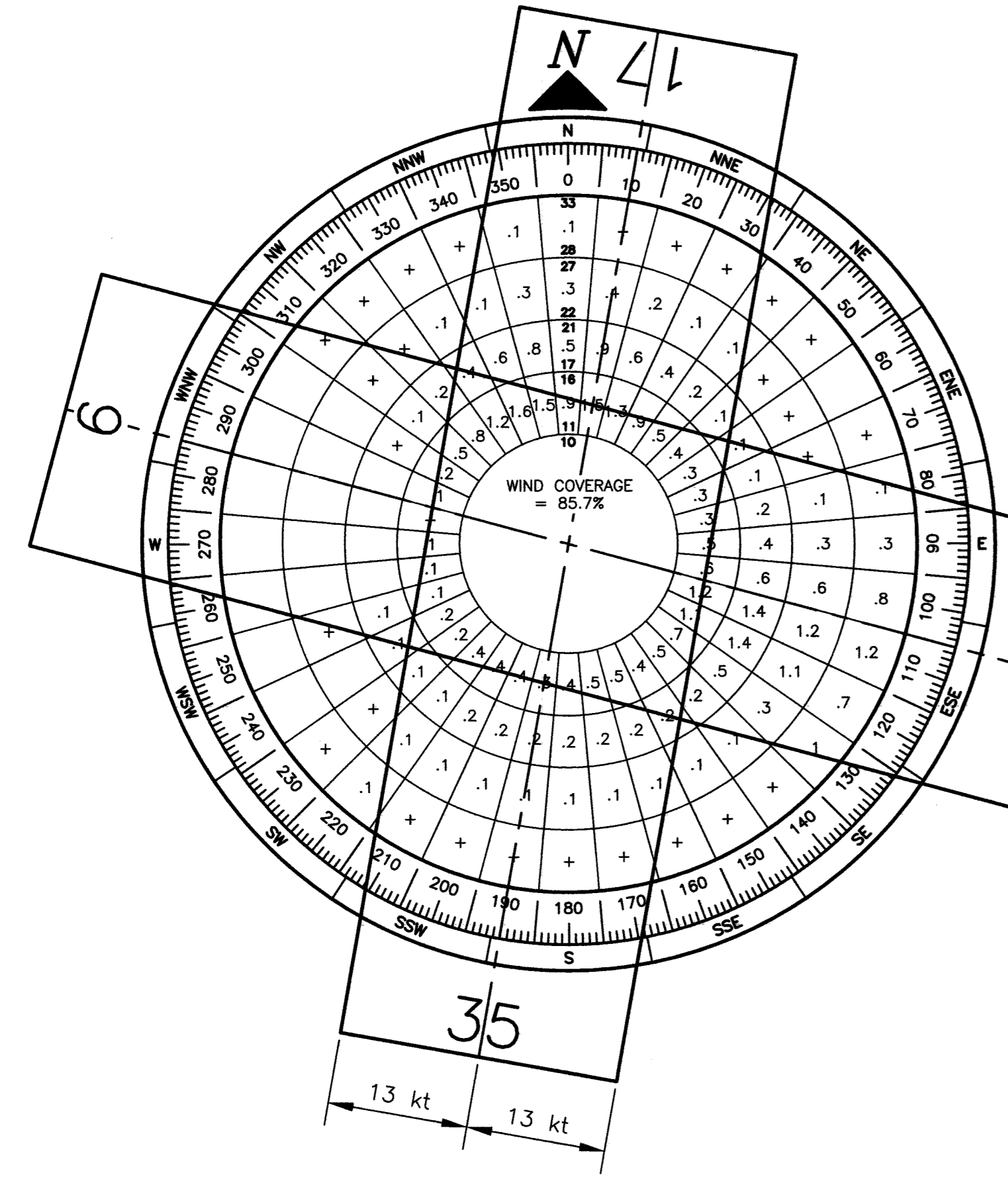


LEGEND		
ITEM	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT (A.R.P.)		
ANTENNA		
BLUFF		
BUILDINGS		
BUILDING RESTRICTION LINE		
FENCE		
PAPI		
PROPERTY LINE		
REIL		
ROADWAYS		
ROTATING BEACON		
SHORELINE		
SURVEY MONUMENT		
THRESHOLD MARKERS/LIGHTS		
TOPOGRAPHIC CONTOURS		
TREE (LARGE SINGLE)		
TREELINE		
WIND CONE		
WIND CONE AND SEGMENTED CIRCLE		

AIRPORT DATA TABLE		
ITEM	EXISTING	ULTIMATE
ICAO IDENTIFIER	PAJ2	PAJ2
NATIONAL AIRPORT IDENTIFIER	JZZ	JZZ
FAA SITE NUMBER	50426.4*A	50426.4*A
AIRPORT ELEVATION NAVD88	271.8	291.1
AIRPORT REFERENCE CODE	B II(S)	B II(S)
MEAN MAX. TEMPERATURE, HOTTEST MONTH	64°F JULY	64°F JULY
AIRPORT AND TERMINAL NAVIGATION AIDS	ROTATING BEACON AWOS	ROTATING BEACON AWOS
TAXIWAY LIGHTING/MARKING	M.I. / NONE	M.I. / NONE
OBSTRUCTION SURVEY SOURCE & TYPE	NVG	NVG
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	15°36'E, 2010, 0°15'(W)/YEAR	

RUNWAY 9/27 DATA TABLE		
ITEM	EXISTING	ULTIMATE
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY	UTILITY	UTILITY
FAR PART 77 APPROACH CATEGORY (V, NPI, P)	NPI / NPI	NPI / NPI
APPROACH SURFACES	20:1 / 20:1	20:1 / 20:1
VISIBILITY MINIMUM	1 SM	1 SM
RUNWAY SURFACE	GRAVEL	GRAVEL
PAVEMENT STRENGTH SW,DW,DTW,DDTW x1000lbs	N/A	N/A
AIRCRAFT APPROACH CATEGORY	B	B
AIRPLANE DESIGN GROUP	II(S)	II(S)
TRUE BEARING	N74° 07' 10.21"W	N74° 45' 49.35"W
EFFECTIVE GRADE	1.07%	1.07%
TOUCHDOWN ELEVATION NAVD88	268.8/271.8	272.1/273.6
RUNWAY DIMENSIONS	75 x 3300	75 x 3300
RUNWAY SAFETY AREA (RSA) DIMENSIONS	150 x 3900	150 x 3900
LENGTH BEYOND R/W END	300 / 300	300 / 300
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	250 x 450 x 1000	250 x 450 x 1000
RUNWAY OBJECT FREE AREA (OFA) DIMENSIONS	500 x 3900	500 x 3900
LENGTH BEYOND R/W END OR STOPWAY	300 / 300	300 / 300
RUNWAY OBSTACLE FREE ZONE (OFZ) DIMENSIONS	250 x 3700	250 x 3700
RUNWAY LIGHTING	M.I.	M.I.
RUNWAY MARKING TYPE	NONE	NONE
RUNWAY VISUAL APPROACH AIDS	PAPI	PAPI, REIL

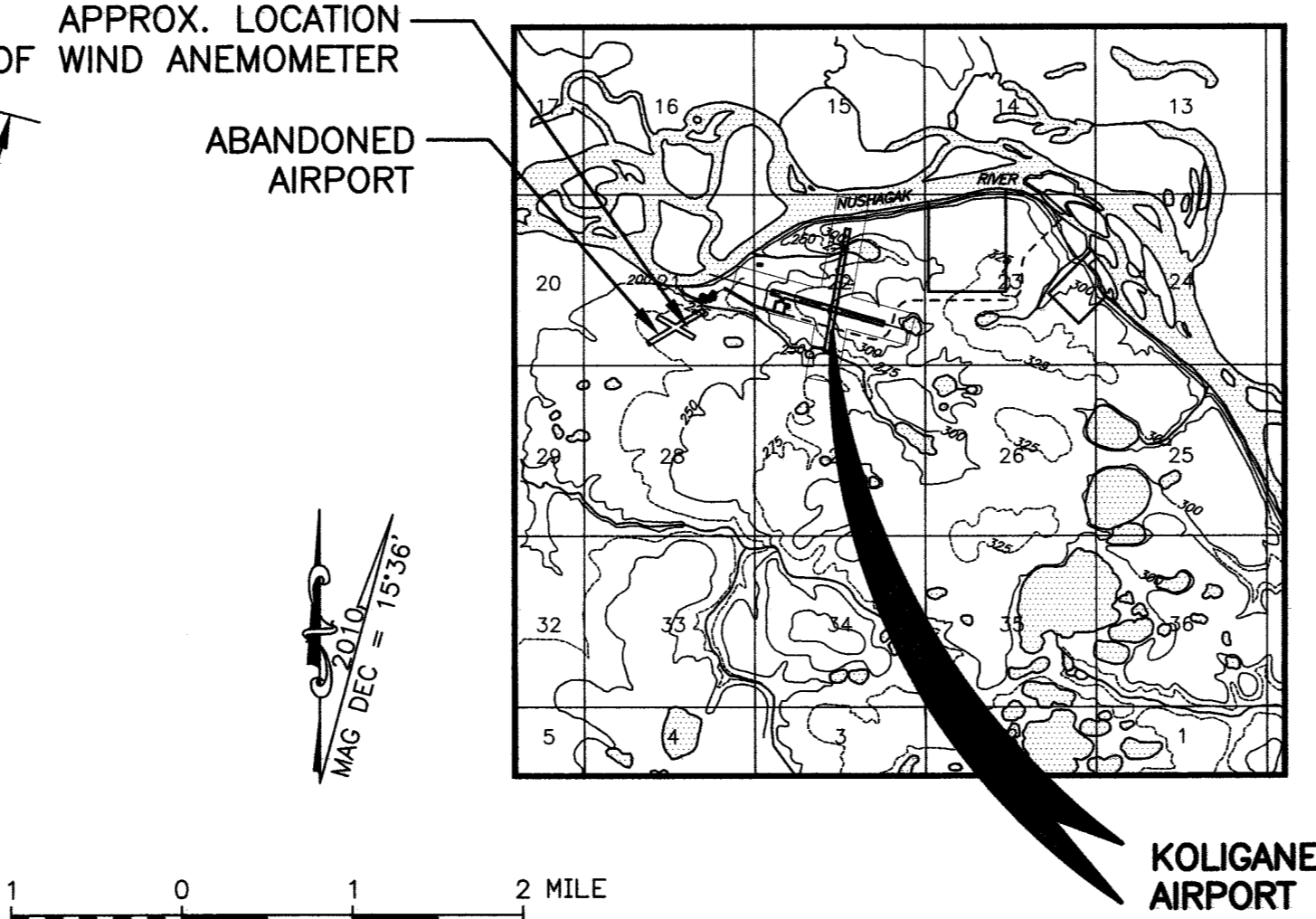
RUNWAY 17/35 DATA TABLE		
ITEM	EXISTING	ULTIMATE
RUNWAY TYPE UTILITY OR OTHER THAN UTILITY	UTILITY	UTILITY
FAR PART 77 APPROACH CATEGORY (V, NPI, P)	NPI / NPI	NPI / NPI
APPROACH SURFACES	20:1 / 20:1	20:1 / 20:1
VISIBILITY MINIMUM	1 SM	1 SM
RUNWAY SURFACE	GRAVEL	GRAVEL
PAVEMENT STRENGTH SW,DW,DTW,DDTW x1000lbs	N/A	N/A
AIRCRAFT APPROACH CATEGORY	B	B
AIRPLANE DESIGN GROUP	II(S)	II(S)
TRUE BEARING	N10° 00' 00"E	N10° 00' 00"E
EFFECTIVE GRADE	1.2%	1.2%
TOUCHDOWN ELEVATION NAVD88	291.1/291.1	291.1/291.1
RUNWAY DIMENSIONS	75 x 3300	75 x 3300
RUNWAY SAFETY AREA (RSA) DIMENSIONS	150 x 3900	150 x 3900
LENGTH BEYOND R/W END	300 / 300	300 / 300
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	250 x 450 x 1000	250 x 450 x 1000
RUNWAY OBJECT FREE AREA (OFA) DIMENSIONS	500 x 3900	500 x 3900
LENGTH BEYOND R/W END OR STOPWAY	300 / 300	300 / 300
RUNWAY OBSTACLE FREE ZONE (OFZ) DIMENSIONS	250 x 3700	250 x 3700
RUNWAY LIGHTING	M.I.	M.I.
RUNWAY MARKING TYPE	NONE	NONE
RUNWAY VISUAL APPROACH AIDS	PAPI, REIL	PAPI, REIL



WIND DATA TABLE				
RUNWAY	10.5 kt	13 kt	16 kt	20 kt
9/27	78.22%	85.7%	-	-
17/35	79.13%	85.21%	-	-
COMBINED	88.11%	97.25%	-	-

SOURCE: ARCTIC ENVIRONMENTAL INFORMATION AND DATA CENTER, UNIVERSITY OF ALASKA, ANCHORAGE. THE ANEMOMETER WAS LOCATED AT THE OLD AIRPORT APPROXIMATELY 0.5 MILES FROM THE EXISTING AIRPORT (SEE VICINITY MAP) THE ANEMOMETER WAS MOUNTED ON A 10 FT TOWER AND DATA ADJUSTED TO 30 FT
 PERIOD: 09/01/91 - 08/31/92

GEOGRAPHIC COORDINATES TABLE				
ITEM	EXISTING LATITUDE	EXISTING LONGITUDE	ULTIMATE LATITUDE	ULTIMATE LONGITUDE
ARP	N59°43'36.32"	W157°15'36.92"	N59°43'38.71"	W157°15'32.64"
THRESHOLD RW 9	N59°43'40.76"	W157°16'07.87"	N59°43'40.72"	W157°16'07.96"
THRESHOLD RW 27	N59°43'31.87"	W157°15'05.97"	N59°43'31.82"	W157°15'06.06"
THRESHOLD RW 17	N59°43'57.11"	N59°43'57.11"	N59°43'57.11"	W157°15'22.33"
THRESHOLD RW 35			N59°43'25.17"	W157°15'34.22"



VICINITY MAP
 T 5 S, R 47 W, SEC 22
 SEWARD MERIDIAN
 U.S.G.S. DILLINGHAM (C-4), ALASKA

NOTE:
 COORDINATES, DIMENSIONS, & ELEVATIONS ARE IN US SURVEY FEET UNLESS OTHERWISE SPECIFIED

BY	DATE	REVISION
	06/2018	AS-BUILT PER AKSAS 59276

APPROVED: _____ DATE: _____
 K. KIM RICE, P.E. PRECONSTRUCTION ENGINEER
 RECOMMENDED: _____ DATE: _____
 HARVEY M. DOUTHIT, P.E. DESIGN SECTION CHIEF

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED 9/1/11
 FAA AIRSPACE REVIEW NUMBER: 20W-ADL-50-NRA
 AS-BUILT ACCEPTED
 DATE: 6/27/19
 FAA, AIRPORTS DIVISION ALASKAN REGION, AAL

DRAWING INDEX	
SHT #	TITLE
1	DATA
2	EXISTING LAYOUT
3	ULTIMATE LAYOUT
4	EXISTING INNER PORTION OF THE APPROACH SURFACES
5	ULTIMATE INNER PORTION OF THE APPROACH SURFACES
6	EXISTING INNER PORTION OF THE APPROACH SURFACES
7	ULTIMATE INNER PORTION OF THE APPROACH SURFACES
8	AIRPORT AIRSPACE, 14 CFR PART 77
9	AIRPORT AIRSPACE PROFILES
10	AIRPORT PROPERTY MAP

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 CENTRAL REGION

KOLIGANEK AIRPORT
 KOLIGANEK, ALASKA
 AIRPORT LAYOUT PLAN
 DATA
 DATE: 6/5/2019
 SHEET: 1 OF 9