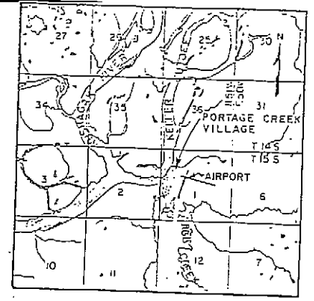
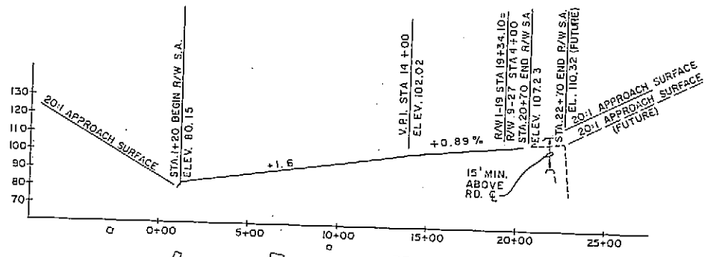
LOCATION MAP




VICINITY MAP

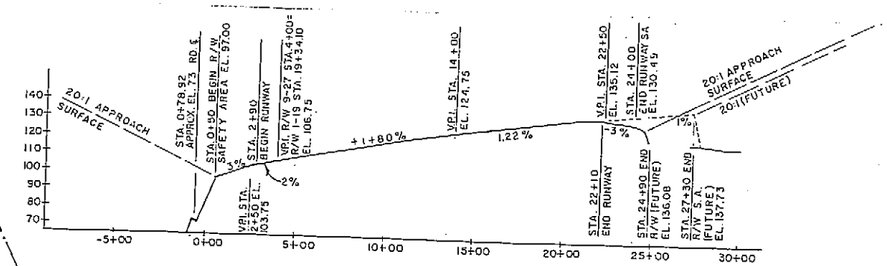
SCALE : 1" = 1 MILE

PROTRACTED T15S R5W
SEWARD MERIDIAN, ALASKA
USGS NAKNEK D-6




PROFILE RUNWAY 1/19

SCALE : HORZ. 1" = 400'
VERT. 1" = 40'

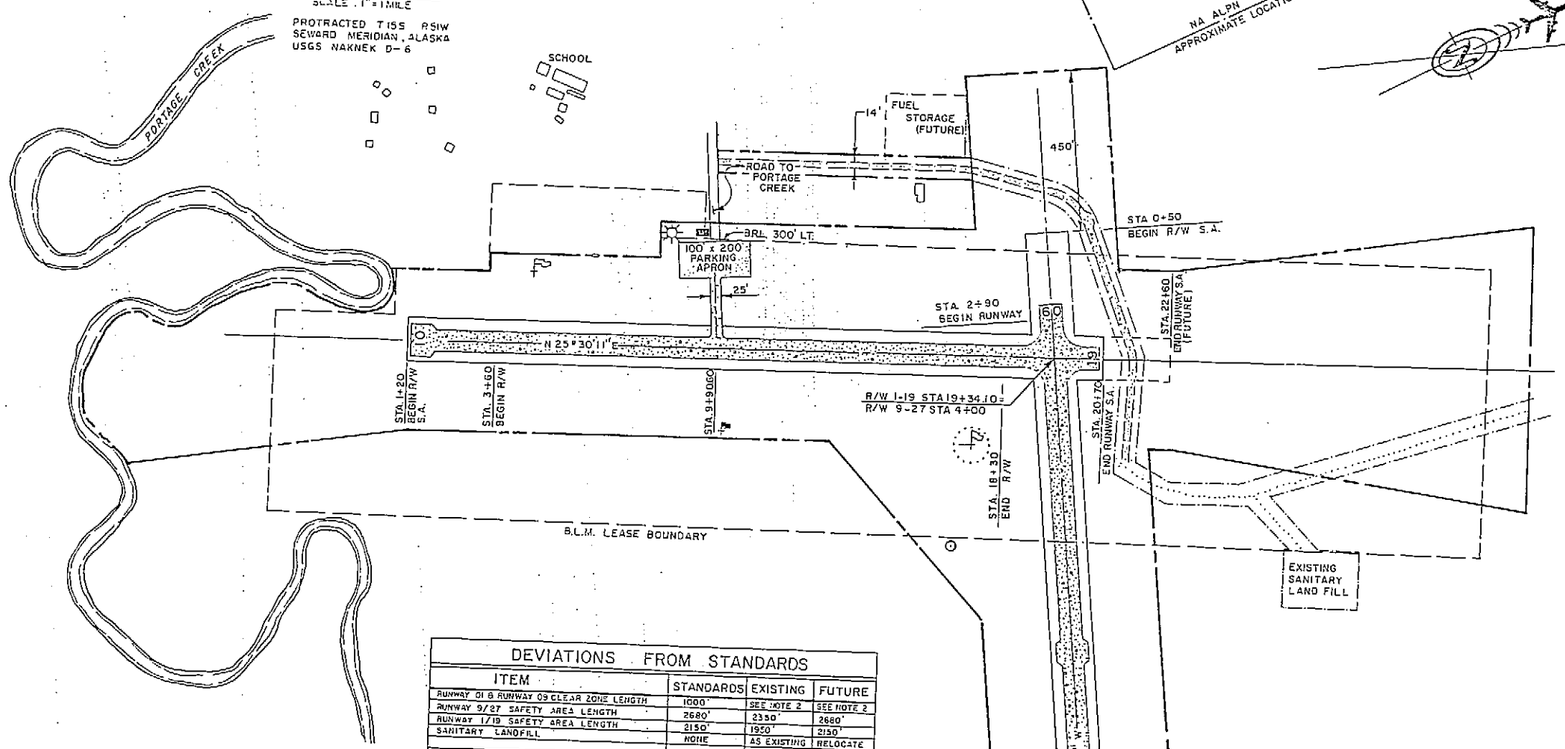



PROFILE RUNWAY 9/27

SCALE : HORZ. 1" = 400'
VERT. 1" = 40'

WIND DATA

NO WIND DATA AVAILABLE AT THIS AIRPORT. VILLAGE RESIDENT'S AND PILOT'S REPORTS ARE THE ONLY SOURCE OF WIND DATA. THE REPORTS INDICATE THAT THE CROSSWIND RUNWAY SHOULD PROVIDE 6000 COVERAGE WHEN THE MAIN RUNWAY IS NOT USEABLE.




NOTES:

1. ALL BEARINGS ARE TRUE.
2. THE CLEAR ZONE FOR RUNWAY 01 & RUNWAY 09 ARE ADEQUATELY PROTECTED BY TERRAIN DIFFERENTIAL.
3. THE RELOCATION OF THE 17(b) EASEMENT ACROSS RUNWAY 1/19 IS TEMPORARY. FUTURE RELOCATION OF THE EASEMENT WILL BE TO THE NORTH OF RUNWAY 19.

DEVIATIONS FROM STANDARDS

| ITEM | STANDARDS | EXISTING | FUTURE |
|---|---|---|---|
| RUNWAY 01 & RUNWAY 09 CLEAR ZONE LENGTH | 1000' | SEE NOTE 2 | SEE NOTE 2 |
| RUNWAY 9/27 SAFETY AREA LENGTH | 2680' | 2350' | 2680' |
| RUNWAY 1/19 SAFETY AREA LENGTH | 2150' | 1950' | 2150' |
| SANITARY LANDFILL | NONE | AS EXISTING | RELOCATE |

BASIC DATA TABLE

RUNWAY DATA

| | RUNWAY 1/19 | | RUNWAY 9/27 | |
|---|---|---|---|---|
| | EXISTING | FUTURE | EXISTING | FUTURE |
| EFFECTIVE GRADIENT | 1.39 % | 1.39 % | 1.50 % | 1.48 % |
| INSTRUMENT RUNWAY | N.P.I. | N.P.I. | N.P.I. | N.P.I. |
| PAVEMENT SURFACE | GRAVEL | GRAVEL | GRAVEL | GRAVEL |
| PAVEMENT STRENGTH | N/A | N/A | N/A | N/A |
| APPROACH SURFACES | 20:1 | 20:1 | 20:1 | 20:1 |
| RUNWAY LIGHTING | NONE | MED. INT. | NONE | MED. INT. |
| RUNWAY MARKING | NONE | NONE | NONE | NONE |
| NAVIGATION AIDS | NONE | VASI | NONE | VASI |
| RUNWAY SAFETY AREA | 120' x 1950' | 120' x 2140' | 120' x 2350' | 120' x 2680' |
| RUNWAY | 60' x 1470' | 60' x 1470' | 50' x 1920' | 60' x 2200' |

BASIC DATA TABLE

AIRPORT DATA

| | EXISTING | FUTURE |
|---|---|---|
| AIRPORT ELEVATION | 137.40 | 142.40 |
| AIRPORT REFERENCE POINT (A.R.P.) | LAT. 58°54'25.4" N (LONG. 157°42'25.5" W | |
| AIRPORT DESIGN GROUP | I | |
| TAXIWAY LIGHTING | NONE | MED. INT. |
| RAMP LIGHTING | NONE | MED. INT. |
| MEAN DAILY MAX. FOR HOTTEST MONTH (KING SALMON) | 63° F | 63° F |

LEGEND

| | EXISTING | FUTURE |
|---|---|---|
| PROPERTY LINE | | |
| BUILDING RESTRICTION LINE (B.R.L.) | | |
| AVIGATION AND HAZARD EASEMENT | NONE | NONE |
| AIRPORT REFERENCE POINT | | |
| WIND CONE & SEGMENTED CIRCLE | | |
| CHANNEL CHANGE | N/A | N/A |
| ROADWAYS | | |
| VHF ANTENNA | | |
| UHF ANTENNA | NONE | NONE |
| ROTATING BEACON | NONE | NONE |
| SHORELINE | | |
| 17(b) EASEMENT | | |
| STRUCTURES | | |
| EQUIPMENT STORAGE BUILDING | NONE | |

| REV | DATE | CHANGE |
|---|---|---|
| | 1/27/87 | AS-BUILT AS PER 034 222 |
| | 8-17-84 | FAA APPROVED |
| | 8/14/84 | REVISED ACCESS ROAD LOCATION & R/W 9/27 STATIONING & PROFILE |
| | 4-19-84 | FAA APPROVED |

REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

PORTAGE CREEK AIRPORT

AIRPORT LAYOUT PLAN

APPROVED: Brooks H. Wade — BROOKS H. WADE, P.E. — ASSIST. DESIGN CHIEF

DESIGNED: William Koester — WILLIAM KOESTER, P.E. — PROJECT MANAGER

SCALE: 1" = 200'

DESIGNED: GR — DRAWN: MAC — REVIEWED: WK — DATE: 4-17-87

SHEET | OF |