

SJR

68

STATE OF ALASKA 1988 LEGISLATIVE SESSION
FISCAL NOTE

REQUEST 2/22/88

Bill Version: SJR 68
Publish Date: _____

Revision Date: _____
Title: Radioluminescent Runway Lights

Agency Affected: DOT&PF
BRU: _____

Sponsor: Binkley
Requestor: Jones

Components: _____

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING	0	0	0	0	0	0
CAPITAL	0	0	0	0	0	0
REVENUE	0	0	0	0	0	0

FUNDING: (Thousands of Dollars)

GENERAL FUND						
FEDERAL FUNDS						
OTHER						
TOTAL	0	0	0	0	0	0

POSITIONS:

FULL-TIME						
PART-TIME						
TEMPORARY						

ANALYSIS: There is no fiscal impact to the Department of Transportation and Public Facilities. However, the certification of RL lights will allow future capital funds for rural runway lighting to go farther due to the avoidance of diesel generation required for conventional lighting systems.

Prepared by: W. Keith Gerken *WKGal*
Division: Deputy Commissioner, Operations

Phone: 465-3900
Date: 2/22/88

Approved by Commissioner: Mark S. Hickey *MSH*
Agency: DOT&PF

Date: 2/22/88

Distribution (by preparer):

Legislative Finance
Legislative Sponsor
Requestor
Office of Management and Budget
Impacted Agency(ies)
Senate Secretary

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

OFFICE OF THE COMMISSIONER

STEVE COWPER, GOVERNOR

P.O. BOX Z
JUNEAU, ALASKA 99811-2500
PHONE: (907) 465-3900

February 23, 1988

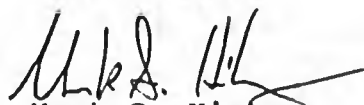
The Honorable John Binkley
Alaska State Senate
P.O. Box V
Juneau, Alaska 99811

Dear Senator Binkley:

I am writing to express my support for the resolution that you have introduced that asks the Federal Aviation Administration (FAA) to complete their evaluation of radioluminescent runway edge lighting (RL) systems. Alaska has an immediate need for low maintenance RL systems for our rural airports. RL systems represent a cost effective alternative to electrical powered lights. However, until FAA completes its testing of RL systems and grants some level of approval, their usefulness is greatly diminished.

Thank you for your support of the radioluminescent runway edge lights program.

Sincerely,


Mark S. Hickey
Commissioner

cc: Lynn J. Harnisch, P.E., Regional Director, Northern Region

SENATE COMMITTEE REPORT

FIRST COMMITTEE OF REFERRAL

Date of 2-3-88 5-DAY NOTICE
IN ACCORDANCE WITH UNIFORM RULE 23

FURTHER:

Ruby

**FISCAL NOTE(S) ATTACHED **
IN ACCORDANCE WITH AS 24.08.035
(see below)

2/16/88
Mr. President:

DATE TURNED INTO OFFICE 2-23-88

Transportation Committee considered SJR 68

radio luminescent runway lights

and recommended:

replace with CS _____ same title

attached amendment(s) and new title

Mozart
 do pass

do not pass

no recommendation

individual recommendations

further referral to _____

letter of intent adopted and attached

BFH

** Committee attached or adopted fiscal note(s)
 zero fiscal impact

MEMBERS SIGNING DO PASS

Tim Kelly Do Pass
Fahrenberg

OTHER RECOMMENDATIONS

William K. Pec

Ray Jones (Do Pass)
Chairman signature and recommendation

Committee Backup Attached

Senator Johne Binkley

Senate Finance Committee
P.O. Box V • Juneau, Alaska 99811 • (907) 465-4985

February 22, 1988

Finance Committee
Co-Chairman

The Honorable Lloyd Jones
Chairman, Transportation Committee
Alaska State Senate
Room 9, Capitol Building
Juneau, AK 99811

FOR HAND DELIVERY

Dear Senator Jones:

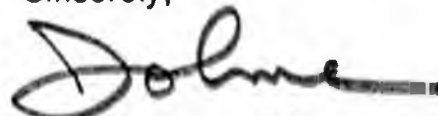
On Tuesday, February 23, you will have before your committee SJR 68, relating to radioluminescent runway lights. I would like to offer the following on this type of lighting system for the information of the committee.

As you know, most rural airports are community class, requiring a runway of about 3,000 feet. DOT/PF estimates that the cost of purchasing and installing a diesel generator powered medium intensity runway lighting system for a runway of this length is about \$250,000 with annual maintenance and operational costs of about \$10,000.

The cost of purchasing and installing a radioluminescent (RL) lighting system for the same length runway is approximately \$190,000 with no annual maintenance or operational costs. At this time, only one private company has the required Federal Energy Regulatory Commission's permit to manufacture and sell RL lights. However, four other companies have applied for the necessary permits to manufacture RL lights. The Statewide Research Division of DOT/PF in Fairbanks expects the price of this lighting system to drop by 50% as more companies enter the market and the technology becomes established.

Currently, there are twenty-four community class airports statewide without any type of lighting system which would be good candidates for RL lights. However, until the FAA has completed its testing and approved the RL lights, the system cannot be fully implemented. FAA approval is essential to commercial use of RL lights as an alternative to lanterns under FAR 135.229. Your favorable consideration of this Resolution would be greatly appreciated.

Sincerely,



Senator Johne Binkley
Yukon-Kuskokwim and
Interior Rivers

jka

response letter

YUKON KUSKOKWIM DELTA MAYOR'S CONFERENCE

BETHEL, ALASKA
OCTOBER 7, 8, and 9, 1987

RESOLUTION 87-18



A RESOLUTION OF THE 1987 YUKON-KUSKOKWIM DELTA MAYOR'S CONFERENCE REQUESTING THE LEGISLATURE AND GOVERNOR TO WORK TOGETHER TO ACCELERATE THE FUNDING AND CONSTRUCTION OF AIRPORT RUNWAY LIGHTING SYSTEMS WHICH ARE NEEDED THROUGHOUT RURAL ALASKA.

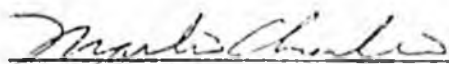
WHEREAS, there are many rural airports which remain without any form of adequate runway lighting or navigational aides which would enhance the safety of our people; and

WHEREAS, runway lighting systems at these village locations is an absolutely essential need for purposes of public transportation, freight delivery, public safety and medical services; and

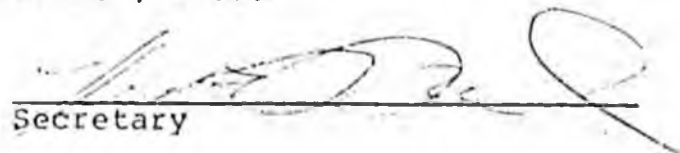
WHEREAS, this is a basic service which many municipalities have been requesting for years and others have enjoyed for years.

NOW THEREFORE BE IT RESOLVED THAT the Yukon-Kuskokwim Delta Mayor's Conference requests the State of Alaska Department of Transportation aggressively pursue the investigation and testing of new technology, where it appears that such technology may facilitate the installation of needed electrically powered runway lighting and that the State provide funds for the installation.

PASSED and APPROVED BY THE NINTH ANNUAL YUKON-KUSKOKWIM DELTA MAYOR'S CONFERENCE this 9th day of October, 1987.



President



Secretary

supporting resolution

AVCP

Association of Village Council Pres
P. O. Box 219 • Bethel, Alaska 99559 • Phone 543-3321

CONVENTION RESOLUTION NO. 87-10-11

A RESOLUTION CALLING ON THE STATE OF ALASKA TO PROVIDE GRANT FUNDS TO THE CITY OF AKIAK FOR SOME AIRPORT LIGHTS.

WHEREAS, The City of Akiak is a second class city which is a responsible organization to maintain airport lights through the Department of Transportation; and


WHEREAS, The City of Akiak has no airport lights and when there is an emergency during the night and early morning hours, the health aide has to contact 4 to 5 people to light up the airstrip with their trucks and 3-wheelers; and

WHEREAS, The local people of Akiak are affected by this need as well as producing a hazard for the planes without airport lights; and

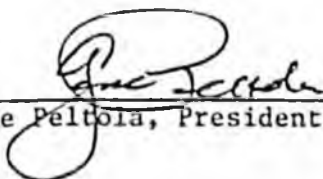
NOW THEREFORE BE IT RESOLVED that the City of Akiak call upon the Association of Village Council Presidents at its Annual Convention to assist the City of Akiak in their pursuit of grant funds to provide lights at their airport; and

BE IT FURTHER RESOLVED that the AVCP Administration bring this request to the State of Alaska's Department of Transportation.

Adopted by action of unanimous vote of delegates assembled at the 1987 Fall Convention of the Association of Village Council Presidents held in Scammon Bay, Alaska, on October 17, 1987, meeting in a duly constituted meeting of the AVCP Full Board of Directors with a quorum having been present.



Willie Kasayulie, Chairman



Gene Peltola, President

support resolution