



I was fascinated by dynamics  
from childhood. (Photo 1961)

I LEARNED ROOT VEGETABLE GARDENING, HUNTING AND FISHING AT AN EARLY AGE. MY FATHER TAUGHT ME THE IMPORTANCE OF CLEAN WATER FOR HEALTHY FISH, GOOD SOIL FOR A BOUNTIFUL GARDEN, AND PROTECTING THE FOREST FOR HEALTHY MOOSE (THE ONLY SOURCE OF PROTEIN FOR MY FIRST 13 YEARS). (PHOTO 1970)

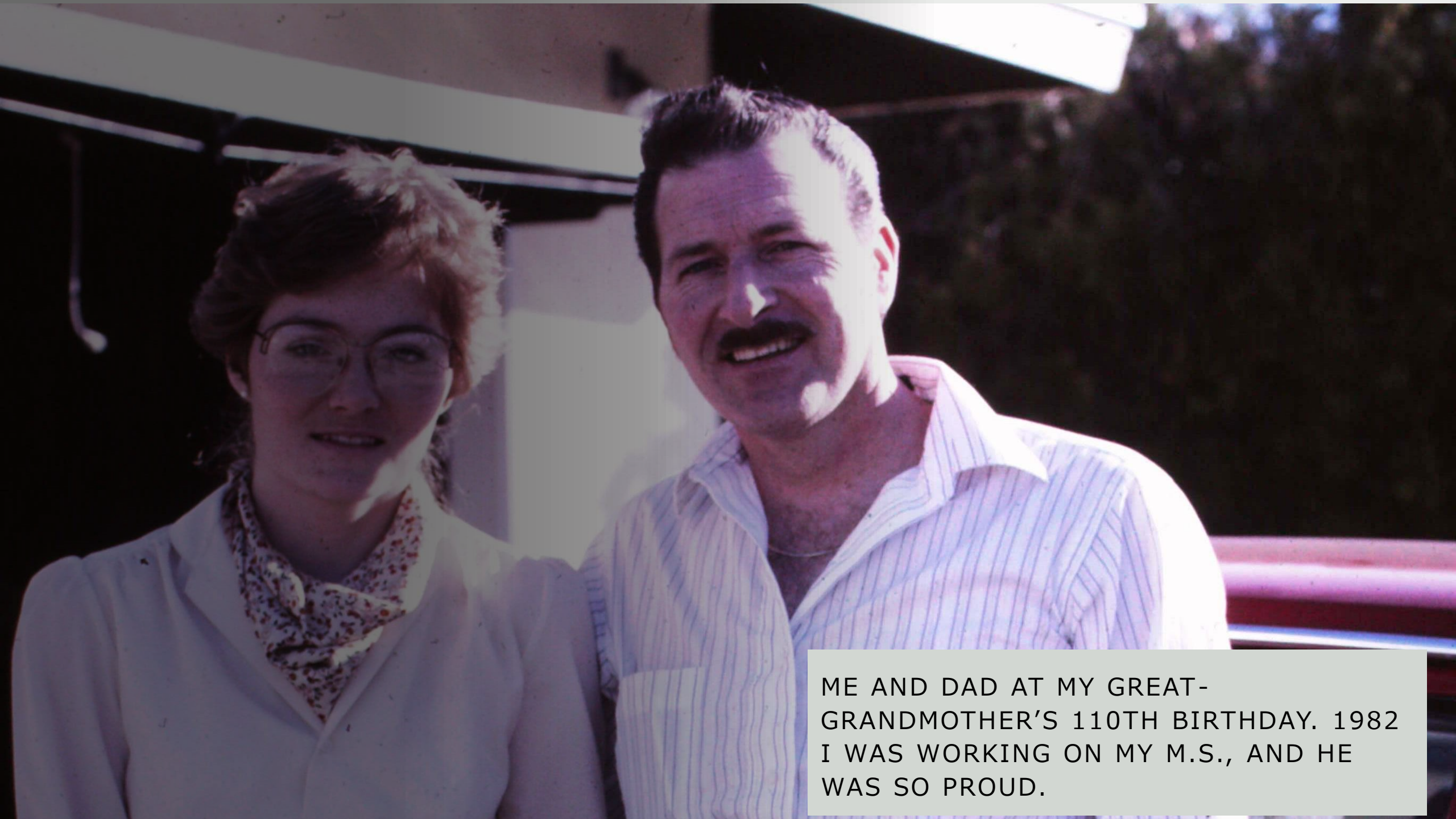






BORN WITH SUPER-  
KEEN SIGHT, SMELL  
AND HEARING, I  
WAS A PRIZED  
COMPANION OF  
HUNTING PARTIES.





ME AND DAD AT MY GREAT-  
GRANDMOTHER'S 110TH BIRTHDAY. 1982  
I WAS WORKING ON MY M.S., AND HE  
WAS SO PROUD.





1980's: NASA Rendezvous.  
I was obsessed with work  
Work was my life... I  
loved what I was doing.  
I had to be told to 'go home'.

**STS-13,  
Retrieval of  
the SolarMax  
satellite for  
return and  
repair.**



# RECOVERY OF A DSP SATELLITE. MISSION 51A

Pivotal work: Proximity  
Targeted Operations for  
use on Spacelab II











Pivotal work: initial Navy contact through Lincoln Labs leading to multi-year follow-on contract with the Navy LEAP sensor.





## 1990's: Airborn Surveillance Testbed

The telescope in the cupola detected missiles, comets, etc, in the infrared end of the spectrum.





# 1990

Schlepping 50# up  
Asgaard Pass

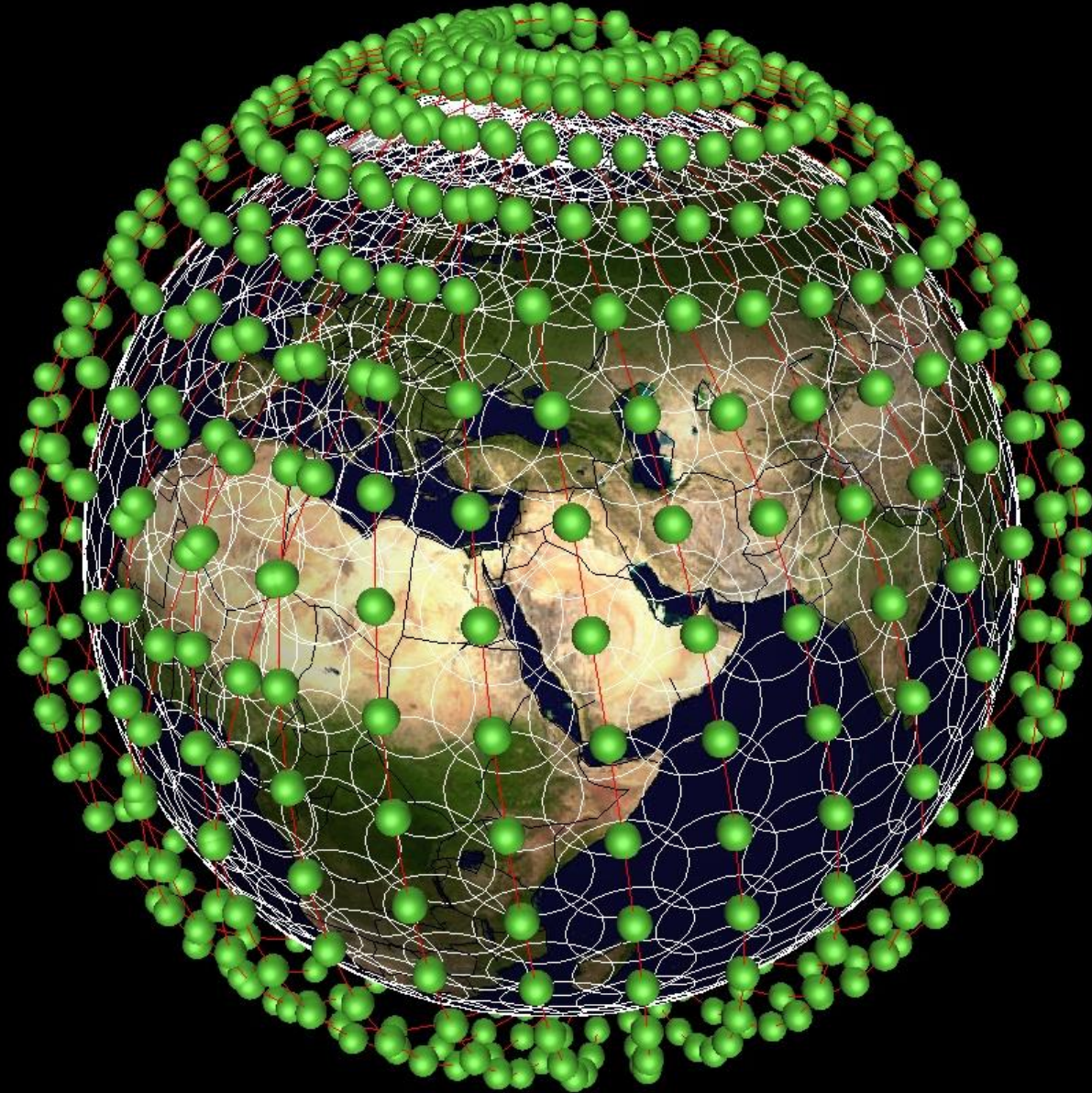


## Discovering climbing

With a return to the PNW, I made time to spend with my nephews and be outdoors. We hiked, rafted, climbed and learned to snowboard together until the oldest got his license. (1995)







## 1998-99: Teledesic

This concept was fine-tuned, but would end up costing over \$15B.

Due to arrogance and inability to compromise, the program crumbled from within.





# 1999-2003: Sea Launch

This is a 'still' taken from a video of the Galaxy-13 launch, with PanAmSat as the customer. I was the mission manager.

Pivotal work: Export compliance approval of a process for international customers to view work in the Payload Integration Facility at Long Beach. This program was moved to CA in 2003.





## **2004-2005: AEW&C for South Korea**

I was the  
Engineering  
Volume leader for  
the contract  
offered to South  
Korea.





# 2006- 2015:E-3 AWACS Upgrades

While supporting multiple Process, Quality and Communication teams, verifying AWACS upgrades was my home base. This program was moved to OK in 2015.