

**BOARD OF DIRECTORS**

W. N. DEAN . . . . . *President*  
 J. F. CULBERTSON . . . . . *Vice President*  
 L. F. FEHLNER . . . . . *Secretary*  
 C. S. ANDREN . . . . . *Treasurer*  
 J. ALEXANDER  
 B. AMBROSENO  
 D. A. CARTER  
 J. D. ILLGEN  
 V. L. JOHNSON  
 A. W. MARCHAL  
 E. L. McGANN  
 M. J. MORONEY  
 W. L. POLHEMUS  
 W. SCHORR  
 J. L. TOMS  
 J. P. VAN ETTEN



**WILD GOOSE ASSOCIATION**

30 April 1987

**MINUTES OF THE 76th MEETING OF THE BOARD OF DIRECTORS**

The 76th meeting of the Board of Directors was held as scheduled 30 April 1987. See Exhibit 1.

Attendees:

<u>Directors</u>	<u>Members</u>	<u>Visitors</u>
WNDean	DCSculi	MJMoroney
JFCulbertson*		AJSedlock
LFFehlner		
CSAndren		
JDillgen		
VLJohnson		
WSchorr ← ELMcGann		
JLToms	(correction 6 Jul 1987 RFL)	
JPVanEtten		*by proxy

Item 1 - Call to Order

The meeting was called to order at 0951 30 April 1987. The number of Directors present met the requirements of a quorum

Item 2 - Secretary's Report

The proxy received from Jim Culbertson was presented for the record. (Exhibit 2)

The Secretary's written report which was distributed to all Directors is shown at Exhibit 3.

Since Andren's proxy for the 75th Meeting was the only one meeting the validity requirement, it was pointed out that a quorum did not exist at that meeting. The minutes of the 75th Meeting were then approved with the correction noted.

### Item 3- Treasurer's Report

The Treasurer's Report is shown at Exhibit 4. Following a review and discussion of the report, the report was accepted as presented.

A discussion then ensued regarding the use of surplus funds. Andren moved to authorize up to \$600 to stock T-shirts and golf shirts, which display the WGA logo, for resale to members at cost. Illgen seconded. Motion carried. Culbertson has the action.

McGann then moved that 'free' hats bearing the logo be made available to 1987 Convention attendees. Illgen seconded. Motion carried. Toms has the action.

### Item 4- Standing Committee Reports

#### a. Conventions

1986- It was noted that the final account of the 1986 Convention has not yet been received. Dean will contact Marchal for a final report.

1987- Chairman Toms reported that the 1987 Convention will be held at the Crowne Plaza Hotel, Rockville MD, on 20, 21, and 22 October. Tony Pealer will be the Technical Chairman.

1988- Dean reported for Chairman Bronson that the 1988 Convention will be held in Portland OR in October. Bob Miller will be Technical Chairman.

#### b. Journal

Chairman Ambroseno requested to be relieved as Editor of the Journal. Dean took for action the search for a replacement or for enough help to make it acceptable to Barney to continue as Editor.

The Directors were unanimous in complementing Barney for a superb Journal for 1985/86.

#### c. Membership

Chairman Toms reported on problems regarding invoices and return addresses. It was agreed that return addresses other than the WGA P. O. Box can be used when appropriate. It was suggested that the Membership Chairman should keep a file of 'master'

copies of all WGA publications.

d. Newsletter

Illgen reported for Chairman Miller that the next Newsletter will be distributed in June. The March issue was delayed due to Miller's involvement in field work. It was noted that the Newsletter should display the Editor's name and address and designate it as the place to send news items.

e. Nominations

Chairman VanEtten presented a slate of candidates for the 1987 Election which contained the name of M. J. Moroney who was at that time not a member of the WGA. Moroney then joined the WGA. Illgen then moved to approve the slate as presented. Ambroseno seconded. Motion carried.

f. Awards

Dean reported for Chairman Frank and requested nominations for the awards.

Item 5- Special Committees

a. Congressional

Chairman McGann reviewed the ongoing activity regarding tying the loran chains together. He then presented the following news items:

1. Egypt is expected to install a loran chain covering the Gulf of Suez and the northern reaches of the Red Sea.
2. China is expected to be on air by late summer 1987.
3. The ONI installed mini-chain in Australia has been opened to the public with great enthusiasm on the part of users.
4. Decca coverage in Europe is on a downhill slide and nobody is ready to rely on satellites. Therefore enthusiasm for loran is building. McGann will provide a written report.

Fehlner proposed that a special committee should be formed to monitor and to contribute as necessary to the ongoing loran initiative. Dean asked for volunteers and will appoint such a committee.

Item 6- Old Business

a. Loran and GPS

Scull made a thorough presentation on the DOT and Congressional activity involving moves to improve loran service and to explore the potential of loran and GPS as a hybrid system for sole means aircraft guidance. Schorr indicated that the Coast Guard plans to improve master to master synchronization and will study the loran-GPS hybrid possibilities.

Moroney reported on a aircraft experiment at Venice, LA where a sole means approach plate for loran will be used.

b. McGann's proposed survey of loran usage was tabled.

c. Discussion of Culbertson's report on the use of surplus funds was tabled.

Item 7- New Business

Illgen discussed the use of loran in unmanned aircraft and extended invitations to attend the after noon meeting announced in Exhibit 5.

Item 8- Next Meeting

The next meeting will be held in Portland, OR on 14 July 1987 at a place to be announced.

Item 9- Adjournment

The meeting was adjourned on a motion by VanEtten at 1251 30 April 1987.



Leo F. Fehlner  
Secretary

cc: President  
Directors  
DCScull  
RLFrank  
RHMiller  
MJMoroney

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- W. SCHORR
- J. P. Van ETEN

Exhibit 1



**WILD GOOSE ASSOCIATION**

March 27, 1987

TO: WGA Directors and Committee Chairmen

FROM: WGA President

SUBJECT: 76th Meeting of the Board of Directors

The next meeting of the Board of Directors will be held Thursday, April 30, 1987, at 9:30 AM in Conference Room 6438, Nassif Building, 400 Seventh Street, S.W. Washington, DC.

**AGENDA**

1. Call to Order
2. Secretary's Report
3. Treasurer's Report
4. Standing Committee Reports
  - a. Conventions
    1. 1987 Convention Report Toms
  - b. Journal Ambroseno
  - c. Membership Toms
  - d. Newsletter Miller
  - e. Nominations Van Etten
  - f. Congressional McGann
  - g. Awards Frank
5. Old Business
  - a. GPS timing of loran chains
  - b. McGann's suggested survey
  - c. Culbertson's ideas for using our surplus
6. New Business
7. Establish next Meeting date

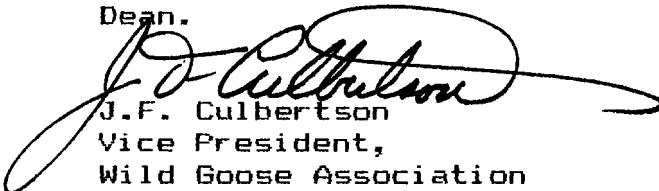
# Exhibit 2

JAMES F. CULBERTSON \* 15781 EXETER STREET \* WESTMINSTER, CALIFORNIA 92683  
(714) 531-7974

21 April 1987

Leo F. Fehlner  
Secretary, Wild Goose Association  
118 Quaint Acres Drive  
Silver Spring, MD 20904

For purposes of the 30 April 1987 meeting of the Board of Directors of the Wild Goose Association, I hereby assign my Proxy to Walter N. Dean.

  
J.F. Culbertson  
Vice President,  
Wild Goose Association

# Exhibit 3

118 Quaint Acres Drive  
Silver Spring MD 20904

13 April 1987

**To:** WGA Directors

**From:** Secretary

**Subject:** Secretary's Report for 67th Board Meeting

**Enclosure:** Membership Lists

Enclosed please find membership lists for your use. Included are lists for the Board, individual members, and organization members. It is interesting to note that the number (542) of individual members who are paid up for years 1985 through life is only 3 less than last year. The number of organization members stands at 21 (last year 19). Although we have an attrition rate of about 20%, new members have made the membership quite stable for the past four years.



Leo F. Fehlner  
Secretary

cc: All Directors

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Exhibit 4

WILD GOOSE ASSOCIATION

TREASURER'S REPORT  
APRIL 30, 1987

Balance from January 22, 1987 \$10,374.40

TRANSACTIONS

RECEIPTS

Dues	3,263.00	
Proceedings/Journals	430.00	
1986 Late Convention Re		
Registration	160.00	
	<u>\$3,853.00</u>	\$14,227.40

EXPENDITURES

Journal Expense	1,101.51	
Newsletter Expense	525.53	
Secretary's Expense	355.27	
Treasurer's Expense	22.00	
1987 Convention Chair-		
man's Advance	<u>3,000.00</u>	
	\$5,004.31	\$ 9,223.09

WGA Account Balance as of April 30, 1987 \$ 9,223.09

Submitted: April 30, 1987

Approved: Date 30 April 87  
Board of Directors

  
 Carl S. Andren Treasurer

  
 Walter N. Dean President



Exhibit 5

**KAMAN**

2 April 1987

To: Robert Bronson, Edward McGann, Dave Amos


Subject: WGA DoD Working Group

On 30 April 1987 (Thursday) a Wild Goose Association Board Meeting will be conducted in Washington, DC, at 9:30 am in Conference Room 6438, Nassif Building, 400 Seventh Street, SW. I plan to conduct a DoD Working Group meeting separate from the Board meeting on the same day but at a different time to disseminate and discuss the following:

1. Draft briefing charts I have prepared for use by committee members (and other WGA members) for review of Loran-C with DoD officials.
2. Plan of action that includes:
  - A. List of DoD contacts (names and agencies this working group must contact). I am interested in additional DoD contacts and agencies that can be added to this list.
  - B. I will present a proposed method for dividing the task of briefing the many DoD agencies. Undoubtedly return visits (perhaps numerous in certain cases) to several of these agencies may be required. Therefore it is mandatory these presentations/visits be carefully coordinated to avoid duplicating meetings, share the cost among our companies; i.e., couple WGA DoD working group presentations with other trips to share costs and to maintain careful coordination due to the political aspects of our endeavor.
3. I will discuss preliminary meetings I have already conducted with several DoD contacts and follow-up needs.

The DoD Working Group meeting will be conducted at 2:00 pm until completion at the KSC offices at 1911 Jefferson Davis Highway, Suite 1200, in Crystal City. The phone number there is: 703-521-0800.

Sincerely,

  
John D. Illgen  
Chairman  
WGA DoD Working Group

cc: WGA Board of Directors  
WGA DoD Committee Members