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INTRODUCTION

The First Annual Inspection of the Ames Aeronautical Laboratory was held on July 18, 1946. This volume summarizes the inspection and includes the program, a list of guests and a group photograph, the addresses and talks together with photographs of the exhibits, copies of the brochure and booklet that were distributed to the guests, and a few candid camera views.

There were 330 guests representing aircraft and associated manufacturers, airlines, the United States Congress, Government departments, the NACA, the Military Services, the press, educational institutions, professional societies, and local municipalities. Of these guests, approximately 100 spent the preceding night at the Whitecomb Hotel in San Francisco. These and others who gathered there were brought to the Ames Laboratory in busses furnished through the courtesy of the United States Navy. Approximately 68 guests flew to Moffett Field in 18 different airplanes and some came by private automobile. The remaining guests were transported to the inspection by the Ames Laboratory from San Francisco Airport, San Jose, and other points.

After registering in the lobby of the Administration Building, the guests gathered in the Auditorium for the opening session at 10:00 a.m. This session consisted of welcoming addresses - for the Ames Laboratory by Mr. Smith J. DeFrance, for the NACA by Mr. John F. Victory, and for Moffett Field by Capt. George Watson; explanation of the term "Reynolds number" by Mr. Arthur L. Jones and of the term "Mach number" by Dr. Leonard M. Rose; and dedication of the 12-Foot Low Turbulence

Pressure Wind Tunnel by Dr. William Frederick Durand. The entire party then adjourned to the grandstand in front of the 12-Foot Wind Tunnel.

At the meeting in front of the 12-Foot Wind Tunnel a photograph was taken of the entire party. Then Dr. Durand pressed a button which officially put the 12-Foot Wind Tunnel in operation. Mr. DeFrance then introduced the group leaders and the party was divided into eight groups for inspection of the Laboratory. The program of the inspection, and copies of the various talks together with photographs of the exhibits and of each chart are included in this volume.

Lunch was served to the entire party in the new hangar. Lunch tickets had been sold at the time of registration in the morning. Adjacent to the luncheon site there were exhibits of instruments and of model motors. Attendants stood by these exhibits to answer questions but no formal talks were given. Photographs of the exhibits are included in this volume.

The Inspection of the Laboratory was concluded at 5:00 pm and all groups gathered at the Moffett Field Officer's Club. From this Club, transportation to San Francisco and other points was provided as requested by the guests. The last bus left the Officer's Club at 7:00 pm.

N A C A
 FIRST ANNUAL INSPECTION OF AMES AERONAUTICAL LABORATORY
 MOFFETT FIELD, CALIFORNIA
 JULY 16, 1946

8:10am First bus leaves Whitcomb Hotel, San Francisco. Have breakfast before leaving. Last bus leaves promptly at 8:30 a.m.
 9:30 Register and procure lunch ticket. Baggage may be checked in foyer of Auditorium. Don't check your hat if you will want it during the tour of the Laboratory.
 9:55
 10:00 Opening session in Auditorium including address by Dr. William F. Durand dedicating the 12-Foot Low-Turbulence Pressure Wind Tunnel.
 10:35 Leave Auditorium.
 10:45 Photograph on grandstand in front of 12-Foot Wind Tunnel.
 10:57 Leave grandstand for inspection of Laboratory in 8 groups designated by colors as follows:

	<u>RED</u>	<u>WHITE</u>	<u>BLUE</u>	<u>GREEN</u>	<u>GOLD</u>	<u>GRAY</u>	<u>TAN</u>	<u>RUST</u>
11:05	16'WT	7x10WT	12'WT	Super-sonic	Flt. Res.	Flt. Eng.	Audit.	40x80 Tour
11:35	7x10WT	12'WT	Super-sonic	Flt. Res.	Flt. Eng.	Audit.	40x80 Tour	40x80 Talk
12:05pm	12'WT	Super-sonic	Flt. Res.	Flt. Eng.	Audit.	40x80 Tour	40x80 Talk	16'WT
12:40	Lunch for all groups in New Hangar. Enter center east door.							
1:50	Leave hangar to resume inspection in separate groups.							
2:00	Super-sonic	Flt. Res.	Flt. Eng.	Audit.	40x80 Tour	40x80 Talk	16'WT	7x10WT
2:30	Flt. Res.	Flt. Eng.	Audit.	40x80 Tour	40x80 Talk	16'WT	7x10WT	12'WT
3:00	Flt. Eng.	Audit.	40x80 Tour	40x80 Talk	16'WT	7x10WT	12'WT	Super-sonic
3:30	Audit.	40x80 Tour	40x80 Talk	16'WT	7x10WT	12'WT	Super-sonic	Flt. Res.
4:00	40x80 Tour	40x80 Talk	16'WT	7x10WT	12'WT	Super-sonic	Flt. Res.	Flt. Eng.
4:30	40x80 Talk	16'WT	7x10WT	12'WT	Super-sonic	Flt. Res.	Flt. Eng.	Audit.
4:55	Conclude inspection of Laboratory.							

5:00 All groups gather at Moffett Field Officer's Club.
 7:00 Last bus leaves promptly for San Francisco. All busses leave from Officer's Club and stop at Ames Auditorium for guests to reclaim property from check room.