

Arctic Research Laboratory, Point Barrow, Alaska
Sept. 10, 1951

made final packing for shipment and departure tomorrow.
The following recommendations are presented.

1. A.R.L. acquire 2 Cessna 170 for field work to supplement plane transportation supplied by Wem, Transocean & Navy. Have equipped for float and wheel.
2. Equip plane with facilities for photographing from air such as side and bottom apertures.
3. In addition to standard equipment add:
 - a. observation windows in tent placed at sitting position height.
 - b. heating stove and pipe outlet (gas on northern tundra, wood in all areas where available which is generally south of Coastal Plains.)
 - c. extra generators and tools to change gasoline & cooking stoves.
 - d. add Coleman gas lamp, extra mantles and generators, particularly toward latter part of season when nights are dark.
 - e. cooking stove with 2 burners.
 - f. funnel for pouring gas.
 - g. light folding table and 2 comfortable tables.
 - h. ground cloth.
 - i. small shovel and light axe.
 - j. knee boots
 - k. 1 pr hip boots of light weight
 - l. proper head nets
 - m. pillow for sleeping bag.
 - n. emergency radio sender
 - o. flash for photography - lights seldom or infrequent in arctic.
 - p. utensils should include, in addition to cooking kit.
 1. standard frying pan
 2. 2 gallon water bucket.
 3. high edged washing pan for dishes
 4. rinsing pan for dishes
 5. dish rags and dish cloth.
 6. spatula
 7. large fork and spoon
 8. butcher knife
 9. scouring pads
 10. wash basin and hand towel
 - q. planned food menus
 - r. adequate first aid.