

MAKALI'I DIVE REPORT

Pilot B. BARTKO Wt. _____

Dive Number 1172-022-85-297

Observer J. MOORE Wt. _____

Date JAN 22, 1985

Observer Title/Affil. _____

Time of Dive 0805

U.S.G.S.

Time of Surface 1300

Dive Location OFF KEAHOU KONA

Time Submerged 4 HR. 55 MIN

Lat. _____ Long. _____

Time Thru Last Dive 076 HR. 22 MIN

Purpose: Research Training Demo

Total Time to Dive 081 HR. 17 MIN

Other _____

Dive Depth 1200'

Special Equip.: Camera(type) 35MM

Water Depth 1200'

Manipulator ✓

Water Temp. _____

Other CTO & RECORDER

Visibility 50'

TV CAMERA & VCR

ABT # at Neutral 100

Dive Results/Remarks: LANDED 280' ON EDGE OF LAVA FLOW
FOLLOWED EDGE IN SOUTHERLY DIRECTION TO ABOUT MIDDLE OF FLOW
THEN CHANGED COURSE SW. TRAVELLED OVER FLAT SANDY PLANE
WITH PATCHES OF SAND RUBBLE COVERED WITH ALGAE. EVENTUALLY
HIT EDGE OF STEEP DROPOFF. TURNED TO NW AND WENT DOWN
AT AN ANGLE TO 1200' PHOTOGRAPHING AND TAKING VIDEO OF MASSIVE
LAVA FLOWS - COLLECTED 5 ROCKS + 1 STARFISH.
MADE ROUTINE RECOVERY

Equipment Deficiencies: LEAK IN HYDRAULIC LINE ON MANIPULATOR

Pilot B. Boette Date 1-22-85

Ops. Mgr. T. Kerby Date 1/23/85