

"HOT CYCLE" DEBUT

■ NEWSMEN FOR THE FIRST TIME (JANUARY 28) VIEWED AN ENGINEERING FLIGHT TEST OF A HELICOPTER USING THE HUGHES "HOT CYCLE" PRINCIPLE, WHICH JETS HIGH ENERGY GASES FROM THE ROTOR BLADE TIP LOUVRES (TOP OF PHOTO). THE FLIGHT OCCURRED AT HUGHES TOOL COMPANY'S AIRCRAFT DIVISION IN CULVER CITY, CALIF. PILOTING THE AIRCRAFT DURING ITS FIRST PUBLIC FLIGHT WAS ROBERT G. FERRY (PICTURED), CHIEF ENGINEERING TEST PILOT FOR THE AIRCRAFT DIVISION. DESIGNATED THE XV-9A, THE RESEARCH "TEST BED" WAS DEVELOPED FOR USARCTECOM, BUT ALSO HAS COMMERCIAL AIRLINER APPLICATIONS FOR THE FUTURE. THE "HOT CYCLE" CONCEPT IS INTENDED TO ELIMINATE THE COMPLEX, HEAVY GEAR BOXES ON NORMAL SHAFT ENGINE AIRCRAFT, ALLOWING FOR A MORE POWERFUL HELICOPTER WHICH CAN LIFT MORE THAN TWICE ITS EMPTY WEIGHT IN CARGO OR PASSENGERS. (HUGHES)



LIEUTENANTS (CONT.)

FRANZ, CONRAD R.
Hq., 3rd Bn., 35th Artillery
APO New York 09801

GLEASON, ROBERT A.
2nd Aviation Co., 2nd Platoon
APO New York 09122

GOOD, THOMAS C.
Route 1, Box 195
Jerome, Idaho

HAMILTON, BOBBY J.
6120 Cochran
Houston, Texas

HARRISON, ULYSSES
3rd Howitzer Bn., 3rd Artillery
Fort Knox, Kentucky

HARTWELL, ROGER W.
36 Richfield Street
N. Quincy 71, Massachusetts

HENDERSON, ROBERT M.
11th Air Assault Division
Fort Benning, Georgia 31905

HIGDON, THOMAS E.
2nd Aviation Company
APO New York 09122

HIPP, GERALD T.
947 Dogwood Drive, Apartment D
Columbus, Georgia 31907

HOLSTON, WILLIAM W., JR.
Officer Student Company
Fort Rucker, Alabama 36362

HOOK, BILLY H.
Officer Student Company
Fort Rucker, Alabama 36362

HORN, WILLIAM J.
Box 313
Palouse, Washington

HOSKINSON, DENNIS J.
176th Repl. Co., 38th Repl. Bn.
APO San Francisco 96220

HUGHES, JOHN D.
1207 5th Avenue
Albany, Georgia

HUMPHRIES, ROBERT R.
11th Air Assault Division
Fort Benning, Georgia 31905

IDOL, TONY G.
24th Infantry Division
APO San Francisco 96224

IMMEL, RICHARD T.
Avn. Co., 3rd Armd. Cav. Regt.
APO New York 09034

LIEUTENANTS (CONT.)

INMAN, TERRY W.
11th Armored Cavalry Regiment
Fort Meade, Maryland

JACKSON, LEON D.
U.S. Army Garrison
Fort Bragg, North Carolina

JOHNSTON, WILLIAM B.
Box 1598
Fort Benning, Georgia 31905

JORDAN, ROBERT J., JR.
5th Howitzer Bn., 27th Artillery
Fort Lewis, Washington 98433

KARPINIA, WALTER
196-17 58th Avenue
Flushing, New York 11365

KELLER, PAUL R.
1st Group, 10th Airborne
APO New York 09108

KENNY, EDWARD T.
11th Armored Cavalry Regiment
Fort Meade, Maryland

KIEFFER, CHARLES M.
704th Maintenance Battalion
Fort Lewis, Washington

KILLGROVE, ALBERT G.
176th Replacement Company
APO San Francisco 96220

LIPPARD, DAVID A.
18th Aviation Operations Det.
APO San Francisco 96296

LOFTIS, VIRGIL D.
Boyd Street
Daisy, Tennessee

LYSSY, FRED E.
1st Aviation Bn., 1st Infantry Div.
Fort Riley, Kansas

MARCINKOWSKI, GARRETT C.
P.O. Box 268
Fort Knox, Kentucky 40120

MARTIN, PAUL L.
Star Route 1
Rison, Arkansas

MILLER, KENNETH W.
2nd Howitzer Bn., 138th Artillery
Louisville, Kentucky

MILLER, THEODORE C.
Quarters 2456-B
Fort Lewis, Washington

MOE, THELMER A.
Hq. Avn Sec, 6th Reg, ARADCOM
Fort Baker, California

LIEUTENANTS (CONT.)

MOORE, WALTER B.
3440 East McCormack
Schofield Barracks, Oahu, Hawaii

MORROW, JOHN K.
11th Air Assault Division
Fort Benning, Georgia 31905

MORTIMORE, JOSEPH
U.S. Army Garrison
White Sands Missile Range, N.M.

MULLEN, EDWARD F., JR.
504th Aviation Battalion
APO New York 09696

NASH, DANE P.
Avn. Sec., 24th Inf. Div., Artillery
APO New York 09029

NEWMAN, TED D.
111 Reddell
Scottsdale, Arizona

NICHOLS, CHARLES LEE
7th Region ARADCOM
McCord AFB, Washington

NOYES, PETER M.
HHD, U.S.A. Support Command
APO San Francisco 96307

NYDEGGER, NEIL K.
1722 Grandview
Oceanside, California

OLSEN, JERRY L.
520 West 6th
Holton, Kansas

OSSI, PETER S.
Hq., XV Corps, Aviation Section
Presidio of San Francisco, Calif.

PARISH, CHARLES W., JR.
201 Lamont
San Antonio, Texas 78209

PARISH, JAMES H.
73rd Aviation Company
APO San Francisco 96240

PATRICK, RHODERIC K., JR.
93 Harris Drive
Fort Rucker, Alabama 36362

PAULIN, LOUIS C.
Avn. Sec., 513th Intel. Corps Gp.
APO New York 09757

PERRY, HARVEY J.
306 Spear Drive
Fort Bragg, North Carolina