

Film Show — The Story of the Helicopter

At the final meeting of the Association's 1955/56 Lecture Programme, held in the Library of The Royal Aeronautical Society on the 11th May, 1956, a Film Show entitled "The Story of The Helicopter" was shown. The Film had been compiled for the Ministry of Supply by Group Captain R N Liptrot, C B E, one of the original Founder Members of the Association, and who was recently elected to Honorary Membership. This was the first showing of the Film before an invited audience, and Group Captain Liptrot gave an interesting and informative commentary throughout the programme.

The film covered the whole history of the design and development of the helicopter from the fifteenth century up to the present time. Early sequences showed a number of pioneering attempts at the design of a rotating wing aircraft, many of which seem most amusing when viewed in the light of present achievements, and then continued with examples of wind tunnel testing of the airflow through a rotor made visible with smoke jets. The film concluded with sequences demonstrating the practical utilisation of helicopters.

NEW MEMBERS

Members

T H Banister, M A (Cantab) (G B)
Cmdr E M Brown, R N, M A,
A F R Ae S (G B)
General Sir Kenneth N Crawford,
F R S A (G B)
G J Evans, B Sc (G B)
L Goland, B S M E, M Aero E,
M I Ae S (U S A)
Lt Cmdr B H Harriss, R N (G B)
M Kretz, B Sc (France)
Lt Cmdr J G P Morton (G B)
W B Petrie (G B)
S/Ldr B A Primavesi (G B)

Companion Members

B Ashikian (Lebanon)
D W Griffiths, M S L A E (G B)
B Guy (G B)
K C Hopkins (G B)
P R Martin, B Sc (Eng),
A M I Mech E, A F R Ae S
(G B)
G A G Morris, A R Ae S (G B)
G C Webb (G B)

Associate Members

W H Armstrong (G B)
J Blackler, B Eng (Australia)
J Creaton (G B)
W Edger (G B)
A C Gordon (G B)
S M Partridge (G B)

Student Members

R Fairley (G B)
R H Peers (G B)

Lecture Programme

The first lecture of the 1956-57 Season will be as follows

“ Strain gauge and blade motion recording systems for helicopters ”

By P D MacMahon, *Saunders Roe Ltd*

on Friday, October 5th, 1956, at 6 p m in the Library of the
Royal Aeronautical Society

ADDITIONS TO THE ASSOCIATION'S LIBRARY

“ Helicopter Navigation Requirements ”

By F Dorn Barclay and
G S Wiley
(Prepared for Bendix Aviation
Corp , Michigan, U S A)
Sept , 1955
Vol 1, No 2, April, 1956

Journal of the American Helicopter Society

12th Annual Forum Proceedings—American Helicopter Society—May, 1956,
containing the following papers

“ Design Highlights of Lycoming's XT-53 Gas
Turbine ”

By Dr Anselm Franz

“ Fatigue Strength of Structures Having Bolted
Connections ”

By L A Goran

“ The T58 A New Heritage for Helicopter
Powerplants ”

By Harold T Hokanson

“ A Study in Rotor Mechanics ”

By Bartram Kelley

“ Development of the XV-3 Convertiplane ”

By Robert L Lichten and
John R Mertens

“ Some Aspects of Helicopter Flight Testing ”

By W G Jennings

“ The Rotor Acceleration Technique for Helicopter
Tip Jet Engine Performance ”

By Raymond M Lockwood

“ Comments on Helicopter Design and Test
Requirements ”

By Robert R Lynn

“ Experimental Investigation of Compressibility
Effects on a Helicopter Rotor Having NACA
63₂-015 Airfoil Section ”

By James P Shivers and
Paul J Carpenter

“ Helicopter Instrument Flight Operations ”

By Raymond F Bohling

“ The Use of Helicopters as Tugs ”

By Claude R Brown

“ A Discussion of the Problems in the Selection
and Development of Military Helicopter
Pilots ”

By William H Coffee

“ Helicopter and Fixed Wing Separation Stan-
dards ”

By Howard Higgins

“ Notes on Steep Instrument Approaches in a
Helicopter ”

By John P Reeder and
James B Whitten

“ Factors Affecting Utilization of Utility and
Light Transport Aircraft (fixed and rotary
wing) ”

By Lt Col George Gaffney

“ Operating Efficiency of Verticraft in Amphibious
Operations ”

By Major William MacLean

“ Why No More Helicopter Subsidy ? ”

By James S Ricklefs

“ Navigational Problems with Helicopters ”

By Robert L Suggs