

WORLD AIRLINE SURVEY . . .

1953. Non-scheduled services were started again in 1958, and since May 1960 Kalinga has specialized in supply dropping operations to isolated communities in the mountainous border areas of India. Non-scheduled flights from Bombay to Dubai in the Persian Gulf are also operated but were suspended last October to concentrate all aircraft on supply dropping.

Head Office: 33 Chittaranjan Avenue, Calcutta.

Executives: Mrs G. Patnaik, chairman; C. Balan, general manager; A. Ahmed, traffic manager; Capt T. H. J. Prowse, operations manager; A. C. Sekhri, chief engineer.

Employees: 240.
Fleet: six DC-3.

Kar-Air O/Y (Karhumäki Airways) is the airline operating offshoot of the long-established Finnish aircraft manufacturing, maintenance and charter organization. Scheduled operations were begun in 1950 between Helsinki and Joensuu, using two D.H.89s bought from Aero O/Y. In the following year further internal routes were operated as well as one to Sundsvall in Sweden and Lodestars were then used. The company's present routes are from Helsinki to Tampere and Stockholm; Helsinki - Lappeenranta - Joensuu; Helsinki - Tampere - Kauhava - Kokkola and Helsinki - Gothenburg - Luxembourg - Malaga - Tenerife. A good deal of inclusive tour and group charter business is done, and geological survey work is undertaken with the Lodestar. Finnair has recently acquired a majority shareholding in Kar-Air.

Head Office: 3 Lonnotkatu, Helsinki, Finland.

Executives: U. Karhumäki, president; P. Halonen, traffic manager; T. Karhumäki, technical manager.

Employees: 251.
Fleet: one DC-6B, four DC-3, one Lodestar, two Convair 440.

Kellogg Hangar Service Inc in 1959 commenced operating freight services in Twin Beechcrafts serving 11 points between Chicago and Detroit.

Head Office: 3037 Dickman Road, Battle Creek, Michigan, USA.

Fleet: Twin Beechcraft.

Kenting Aviation Ltd specializes in photographic and airborne geophysical surveys and worldwide charter operations, including helicopter charters.

Head Office: Toronto International Airport, Canada.

Executives: D. N. Kendall, president; W. H. Godfrey, vice-president; A. F. Soutar, general manager; R. B. T. Field, operations manager; M. E. Dedrick, treasurer.

Employees: 25.
Fleet: two B-17, one Canso, two Lockheed L-14-08, two Hudson, one Aero Commander, two Anson, one Beech D-18S, one Beech Baron, one Beech Travel Air, one Cessna 180, three Sikorsky S-55.

Kesterson Inc is a US non-scheduled carrier operating from Tennessee.

Head Office: PO Box 1145, Knoxville, Tennessee, USA.

Fleet: one DC-3.

Keystone Helicopter Corporation is one of the largest US helicopter charter operators. Keystone and Avianca of Colombia jointly own Companies Helicopteros Nacionales de Colombia (Helicol).

Head Office: Land Title Building, Philadelphia, Pennsylvania, USA.

Fleet: one Sikorsky S-51, 23 Bell 47.

KLM—Koninklijke Luchtvaart Maatschappij NV, the Dutch national airline, began operations in May 1920. A European network was established, and services to Java began in 1929. Services were begun in the West Indies in 1935 and these continued throughout the war, so the company can claim 43 years of continuous operation.

With a present unduplicated route mileage of over 170,000 miles, KLM has a network of European routes, a West Indies and Central



Lufthansa's first turboprop-powered Boeing 707-330B

American network, and routes between Europe and North, Central and South America; North and South Africa; the Near, Middle and Far East; and Australia. In 1960 it inaugurated two routes to West Africa and now flies to 80 countries. For more than 30 years KLM was directed by its founder, the late Dr Albert Plesman. Approximately 70 per cent of the company's capital is held by the Dutch Government. Shares are listed on the Amsterdam and New York Stock Exchanges. DC-8s operate North and mid-Atlantic and Far East services and have now been put on to the Polar, South African and South American routes.

Head Office: The Hague, Holland.

Executives: E. H. Larive, world-wide general manager; Dr F. Q. den Hollander, chairman of the board.

Fleet: seven DC-8 Series 30, seven DC-8 Series 50, nine DC-7C, four DC-7F, 11 L.188 Electra, six DC-6 (Caribbean Division), one DC-6A, nine Viscount 803, ten Convair 340, six DC-3 freighters, three DC-3 (Caribbean Division), three DC-3 (until recently on charter to "De Kroonduif"), two Fokker F.27 (operated for the Iranian Oil Co), one Pilatus Porter (air survey).

Kodiak Airways Inc operates three routes within Alaska from Kodiak to Olga Bay, Parks and Port William.

Head Office: Kodiak, Alaska.

Fleet: Grumman amphibians.

Korean National Airlines—KNA was founded under the Ministry of Transport in 1947, and operated routes radiating from Seoul with Stinson Voyagers. DC-3s were introduced in 1950 shortly before the Korean war stopped commercial operations, which were resumed in 1952. The company now operates DC-3 and DC-4 services within South Korea and a Constellation service between Seoul and Hong Kong. The company has been considering opening a Korea-USA route via Honolulu.

Head Office: Seoul, South Korea.

Executives: Y. M. Shinn, president; Kak Sun Lee, vice-president; M. Kirk, managing director; S. Kim, acting traffic and sales manager; M. McCormick, chief engineer.

Fleet: one L.749, one DC-4 (plus one DC-4 leased from JAL), three DC-3 (plus one DC-3 leased from All Nippon). On order: two Friendship.

Korolevu Air Transport operates non-scheduled and charter services in the Fiji islands.

Head Office: Nandi, Fiji.

Fleet: one Piper Caribbean.

Kuwait Airways was founded in 1953 as Kuwait National Airways, the present name being adopted in 1958. Kuwait Airways is wholly owned by Government and local interests, and although its head office is in Kuwait, the commercial and operations departments are based in Beirut (PO Box 4039). BOAC took over the technical management of Kuwait Airways in June 1958, and in September 1959 British International Air Lines, a wholly owned BOAC subsidiary in Kuwait that provided charter and maintenance services to the Kuwait Oil Company and the Kuwait Flying Club, was taken over by Kuwait Airways. The Kuwait Government having recently acquired all Kuwait Airways shares, the company will become a Government concern on June 1, 1963 and all its departments will be based in Kuwait. Kuwait Airways operate services to Bahrain, Doha, Abadan, Dhahran, Karachi, Bombay, Cairo, Jerusalem, Damascus and to Teheran. A Comet 4C service to London via a point in Europe is expected to commence later.

Head Office: PO Box 394, Kuwait.

Executives: Nisf Yousif Al Nisf, chairman; Abdul Salam Shuaib, vice-chairman; M. C. P. Mostert, chief executive; A. R. Mishri, general manager; S. M. Killingbeck, commercial advisor; Wafic Ajouz, commercial manager; E. Taylor, technical manager; Y. Hindi, chief accountant; A. W. Hebborn, chief pilot; J. D. Green, chief engineer.

Fleet: three Viscount, one Comet 4C. One Viscount and two Twin Pioneer on charter to the Kuwait Oil Co. On order: two Trident, three BAC One-Eleven.

Lake Central Airlines Inc began services in November 1949 and works 4,307 miles of routes in the states between and to the south of Lakes Erie and Michigan. In 1955 employees of the airline bought the company's entire stock. During 1960, Lake Central was authorized to extend its services east as far as Washington, DC, and Baltimore, serving a total of 48 points. Services to these communities which Lake Central was newly authorized to serve were inaugurated during 1961. During this year, Lake Central doubled its route miles and acquired five ex-United Convair 340s.

Head Office: Weir Cook Airport, Indianapolis, Indiana, U.S.A.

Executives: J. J. O'Connell, chairman of the board of directors; L. W. Hartman, president; R. W. Clifford, vice-president operations; W. H. Krieg, secretary; D. S. Getchell, vice-president traffic and sales; J. R. Meyering, vice-president finance.

Employees: 837.

Fleet: five Convair 340, 20 DC-3.

Lancia Airlines is a US non-scheduled carrier that acquired a DC-4 from TWA in 1960.

LANICA—see Lineas Aereas de Nicaragua SA.

Laurentian Air Services Ltd was founded in 1936 and operates charter flights and recreational flights.

Head Office: Ottawa, Ont, Canada.

Executives: A. B. MacLaren, president; J. M. Bogie, executive vice-president; D. Pickering, manager.

Employees: 40.

Fleet: two Beechcraft, one Otter, six Beaver, one Cessna 180, one Goose.

Leavens Bros Ltd, which operates passenger services between Windsor, Ontario, and Pelée Island in Lake Erie, using one Apache and one Tri-Pacer, was originally formed in 1927. It was incorporated as Leavens Bros Air Services in 1935 and was reorganized under its present name in 1953.

Head Office: Toronto, Ontario, Canada.

Executives: C. R. Leavens, president and general manager; R. H. Leavens, vice-president; C. D. Leavens, secretary; R. O. Brown, treasurer.

Employees: 95.

Fleet: 24 various.

Lebanese Air Transport (Charter) Co SAL is a Lebanese charter operator that began operations in June, 1961 with an ex-Jordan International Airlines DC-4. This carrier concentrates on charters between the Middle East and Europe.

Head Office: PO Box 331, Immeuble Sehnaoui, Rue des Capuchins, Beirut.

Executive: Marouf Shaar, president.

Fleet: one DC-4, one PZL-102.B Kos.

Lebanese International Airways—LIA commenced scheduled services in January 1956 and now operates twice a week between Beirut, Milan and Paris with DC-6Bs. Other services connect Beirut with Teheran, Kuwait, Bagh-