

**Dr Helen Cockburn
Collection
World of Women**

***Women of
Flight***

Dr Helen Cockburn World of Women

Women of Flight

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Dr Helen Cockburns Collection "The World of Women"

*Many women, from the obscure to the famous ,
have appeared on stamps - both on early issues
and more frequently on recent issues.*

*The first woman to be so honoured was Queen
Victoria on Britain's famous "Penny Black" of
1840.*

*Since then women from all walks of life Queens,
writers, artists, nurses, pirates & many other
have appeared on stamps*

THE WORLD OF WOMEN.

Women of Flight.



Jacqueline Auriol 1917-2000

French aviator, she was educated at University of Nantes and studied art at Ecole du Louvre in Paris. In 1938 she married Paul Auriol, son of the future president of France. During World War II she worked for the Resistance. She qualified as a pilot in 1948 and took up stunt flying. Although seriously injured while a passenger in a seaplane which crashed into the Seine in 1949 she did not give up flying. By 1950 she had qualified as a military pilot and became the world's first female test pilot. She took up jet flying in 1951 and broke the speed record at 508.8 mph in 1951 and the sound barrier in 1953.

THE WORLD OF WOMEN.

Women of Flight.



Meter cancel for 30th anniversary of crossing



Maryse Bastie 1898-1952

French airwoman who flew solo across the southern Atlantic Ocean from Dakar in Senegal to Natal in Brazil, in 12 hrs 15 mins on 30th December 1936. She held several aviation records and was killed over France by an explosion in her plane F-ANXO in 1952.



REPUBLIQUE UNIE DU CAMEROUN
UNITED REPUBLIC OF CAMEROON

Prix de vente: 200 F

IMPRIMERIE des TIMBRES-POSTE - FRANCE

THE WORLD OF WOMEN.

Women of Flight.



Jean Batten 1909-1982

New Zealand flier, she came to England in 1929 to study music, became interested in flying and gained a private pilot's licence in 1930. The first woman to fly solo from England to Australia (1934), she then astounded the world by making a series of record-breaking flights between Australia and England (1935), England and Brazil (1935) and England and New Zealand in 1936 after which she seemed to retire from solo flying and became reclusive.



Cancel to commemorate the 40th anniversary of her England/New Zealand flight

THE WORLD OF WOMEN.

Women of Flight.

Jean Batten



New Zealand meter cancelled at Jean Batten Place, Auckland – previously this was in Auckland East and occupied a section of the ground floor of State Insurance Building.

THE WORLD OF WOMEN.

Women of Flight.

100. Geburtstag
von Melli Beese



der ersten
deutschen
Motor-
fliegerin

1886-1986

Flug-Platz
Johannisthal
Altenfurt
Tel.: Ober-
Schönew. 196

MB
TAUBE
Flugschule Melli Beese G.m.b.H.

Kaiser-
Wilhelm-
Strasse 45
Flugschule
v. Beese

PHILATELISTENVERBAND IM KULTURBUND DER DDR






*Herrn
František Vokoun
CSSR- 40001 Usti nad Labem
Alešova 56*

For 100th birthday

Melli Beese 1886-1925

In September 1911 she was the first German woman to become a qualified pilot. Originally a sculptor who had studied in Stockholm, she received her pilot certification in 1911 and a few weeks later achieved a world record for flight length by a woman. In 1912 she founded a flight school and established an aircraft factory. This closed in 1914 after she married a French pilot and engineer Charles Boutard. She presumably suicided in 1925 due to an onset of depression.

THE WORLD OF WOMEN.

Women of Flight.



For 75th anniversary of flight

Elly Beinhorn 1907-2007

German pilot who against her family's wishes, took flying lessons in 1928, making her solo flight in a small Klemm KL-20. She gave acrobatic displays to provide finance for her long distance flights. In 1931 she flew to Portuguese Guinea (now Guinea Bissau) on a scientific expedition but on the return journey she crashed in the Sahara but was rescued by Tuareg tribesmen. She was the second woman to fly solo from Europe to Australia in 1932.

THE WORLD OF WOMEN.

Women of Flight.



Sophie Blanchard ? - 1819

French balloonist, wife of the pioneer balloonist Jean Blanchard. She was appointed air service chief to Napoleon Bonaparte who planned to invade England by launching balloons across the English channel. Sophie advised him against it as the flight would occur against prevailing winds. She was the first woman to make ballooning her career but this ended in a fatal accident in Paris while watching a fireworks display.



THE WORLD OF WOMEN.

Women of Flight.



Lillian Bland 1877-1972

Irish designer of this aircraft, she was an unconventional woman at the turn of the century who wore trousers, smoked cigarettes and tinkered with car engines. Louis Bleriot's cross-Channel flight in 1909 inspired her to build her own biplane, the *Mayfly* which successfully left the ground on Carnmoney Hill in 1910. She then installed a 20hp engine in it intending to build aeroplanes on a commercial scale but lacked finance and had to give it up. In 1912 she emigrated to Canada, married a cousin and farmed. She retired to Cornwall in 1935. *Mayfly* was presented to Dublin Flying Club.

THE WORLD OF WOMEN.

Women of Flight.



Adrienne Bolland 1896-1975

French pilot – a test pilot for Caudron, the French aircraft manufacturer who thought that having a young woman fly its new G3 would be a good way to show how easy it was to handle. In 1921 Bolland became the first woman to fly over the Andes from Mendoza, Argentine to Santiago de Chile. She flew at an altitude of 14,750ft braving the bitter cold and having to avoid mountain peaks that were higher than her plane could fly.

THE WORLD OF WOMEN.

Women of Flight.



Roberta Bondar 1945-

Canadian astronaut who obtained a BSc in zoology and agriculture at University of Guelph 1968 then a MSc in experimental pathology at University of West Ontario 1971 followed by a doctorate in neurobiology from University of Toronto in 1977. She was appointed director of Multiple Sclerosis Clinic, McMaster University 1982 and joined Canadian Space Agency in 1984. She was on a microgravity and laboratory mission on shuttle "Discovery" launched in 1992.



Day of Issue: Canada Post Corporation Jour d'émission: Société canadienne des postes



This view of Canada from a space shuttle shows a background design of an electrocardiogram reading from a human heart. It symbolises the various experiments astronauts perform on themselves while in space and commemorates the accomplishments of Canadian astronauts Marc Garneau in 1984 and Roberta Bondar in 1992.



THE WORLD OF WOMEN.

Women of Flight.



Cover carried on her Australia/South Africa flight in 1937

Lores Bonney 1897-1994

Born Mary Rose Rubens in Pretoria, South Africa she moved with her family to Australia at an early age. In 1917 she married Harry Bonney, a cousin of pioneer aviator Bert Hinkler. She and her husband moved to Brisbane where she became fascinated by flying after meeting Hinkler. She acquired her private flying licence in 1931 and her husband bought her a Gypsy Moth DH60 known as "My Little Ship". She was the first woman to circumnavigate Australia by air in 1932, the first woman to fly from Australia to England (1933) and the first person to fly from Australia to South Africa.

THE WORLD OF WOMEN.

Women of Flight.

Lores Bonney



THE WORLD OF WOMEN.

Women of Flight.



Background shows their planes, a Caudron-renault and a Moth-Morane

Helene Boucher 1908-1934

French aviator who held 7 records for altitude and speed flying, she was awarded the Cross of the Legion of Honour by the French government.

Marvse Hilsz 1901-1946

French aviation pioneer who, in 1933, flew solo from France to Japan and back. She was hailed as a goodwill ambassador.

THE WORLD OF WOMEN.

Women of Flight.

1897 - 1997
CENTENAR SMARANDA BRĂESCU



SMARANDA BRĂESCU
PRIMA PARASUTISTĂ ROMÂNĂ

Deținătoare a primului record mondial de
parasutism
SACRAMENTO (S.U.A.) - 19 mai 1932



Destinatar _____

Codul	Localitatea
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For birth centenary

Smaranda Braescu 1897-1948

Well known Romania pilot and parachutist, she was the first Romanian woman to parachute jump (1928). She obtained an international parachute licence and participated in demonstrations in Romania and Europe. In 1931 she went to America and in May, 1932 jumped from 7200m to beat the American record. In 1932 she also obtained her pilot licence, returned to Romania in 1933 and in 1936 bought a light plane which she flew over the mountains of Yugoslavia to Benghazi. She joined the "White Squadron" of female pilots in 1940 providing light transport on the Eastern front and fought in Hungary and Czechoslovakia. After the war she had trouble with the Communist Party and joined an underground organisation which hid her under a false identity.

THE WORLD OF WOMEN.

Women of Flight.

Smaranda Braescu

PIONIERI AI AVIATIEI ROMÂNE



Smaranda Brăescu

Cod 005/89

Preț de vânzare 1 lei

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Codul	Localitatea
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Expeditor _____

Strada _____ Nr. _____

Blocul _____ Scara _____ Etajul _____ Apart. _____

Sectorul _____ Județul _____

Codul _____ Localitatea _____

1897 - 1997
CENTENAR SMARANDA BRĂESCU
- PRIMA PARAȘUTISTĂ A ROMÂNIEI -



Deținătoare a primului record mondial de parașutism
SACRAMENTO (S.U.A.) - 19 mai 1932

SMARANDA BRĂESCU

ROMÂNIA 400L

Destinatar _____

Codul _____ Localitatea _____

THE WORLD OF WOMEN.

Women of Flight.

PIONIERI AI AVIAȚIEI ROMÂNE



Ioana Cantacuzino

Cod 053/59

Prețul de vânzare 1 lei

IBN

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Sectorul _____ Județul _____

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Expedito _____

Strada _____ Nr. _____

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Sectorul _____ Județul _____

Codul _____ Localitatea _____

Ioana Cantacuzino

Pioneer Romanian flier.

THE WORLD OF WOMEN.

Women of Flight.



Kalpana Chawla 1962-2003

Born in India, she migrated to USA to study aerospace engineering at University of Texas and University of Colorado. After becoming a naturalised American, she was accepted into the astronaut program at NASA in 1994. She went into space first in 1997. She was a mission specialist on the space shuttle "Columbia" which broke up on re-entry in 2003 killing all the crew.



THE WORLD OF WOMEN.

Women of Flight.

Kalpana Chawla



THE WORLD OF WOMEN.

Women of Flight.



Laurel Clark 1962-2003

American astronaut who joined the Navy and did a medical course. After graduating she served as a medical officer aboard a submarine before joining NASA. She was a mission specialist on her first space flight in "Columbia"; her duties including supervision of assorted medical and biological research. She died when "Columbia" broke up on re-entry in 2003.



THE WORLD OF WOMEN.

Women of Flight.

Laurel Clark



THE WORLD OF WOMEN.

Women of Flight.



Mary Louise Cleave 1947-

American environmentalist who obtained her Master's degree in microbiology in 1969 at Colorado State University and a PhD in civil and environmental engineering in 1971. She worked on various environmental projects before joining NASA in 1980. She made two flights on the shuttle "Atlantis" in 1985 and 1989.

THE WORLD OF WOMEN.

Women of Flight.



Background shows her winning the Bendix Trophy in 1938.

Jacqueline Cochran ?1908-1980

American flier who earned her pilot's licence in less than 3 weeks in 1932. She was named the world's foremost aviatrix in 1937, 1938 and 1939. During World War II she organised and commanded the Women's Airforce Service Pilots (WASP) and served in the Air Force Reserve from 1948-1970 retiring with the rank of colonel. In 1953 she became the first woman to break the sound barrier flying a Sabre Jet F-86 and in 1964 achieved an air speed of 1429 mph, more than twice the speed of sound. During her flying years she held more speed, distance and altitude records than any other flier.



THE WORLD OF WOMEN.

Women of Flight.



Bessie Coleman ? - 1926

Afro-American pilot, she was denied admission to aviation schools in America because of her race and gender but earned an international pilot's licence in 1921 in Paris through the International Federation of Aeronautics. She returned to America where she gained fame and notoriety from her flying acrobatics and high flying stunts including figure eights and pin-point landings. She encouraged black American men and women to learn to fly. She was killed during practice sessions for a coming exhibition on 30 April, 1926.

THE WORLD OF WOMEN.

Women of Flight.

Bessie Coleman



THE WORLD OF WOMEN.

Women of Flight.



Catherine Coleman 1960-

First female chemist astronaut, she obtained her BSc in chemistry at MIT in 1983 and a PhD in polymer science from University of Massachusetts in 1991. A member of US Air Force, she was working as a research chemist at Wright-Patterson Air Force base when she was recruited by NASA.

THE WORLD OF WOMEN.

Women of Flight.



Robin Dicks 1977-

Australian pilot , she earned her wings while still at school. Her father was a doctor for Royal Flying Doctor Service. She pilots passenger and charter flights and is a flying instructor for Goldfields Air Services in Kalgoorlie.

THE WORLD OF WOMEN.

Women of Flight.

*Dragii mei camarade
Mariana Drăgescu, din
gărză aeriană care a
fost în aerul nostru.*

IONEL FERNIC
100 de ani de la naștere
25 mai 1901 - 22 iulie 1938



*Dragii mei camarade
Mariana Drăgescu, din
gărză aeriană care a
fost în aerul nostru.*



Destinatar _____

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IONEL FERNIC - pilot și paratutist, împreună
cu Mariana Drăgescu, pilot în „Escadrila Albă”

Mariana Drăgescu

Romanian pilot who flew casualty evacuation for the Royal Romanian Air Force evacuating wounded Romanian and German soldiers from the battles of Odessa and Stalingrad. She was decorated for extreme courage under fire.

THE WORLD OF WOMEN.

Women of Flight.



Cancelled at her birthplace on her 65th birthday

Amelia Earhart 1898-1937

American flier, the first woman to cross the Atlantic Ocean by plane, first as a passenger in 1928 and then as a solo pilot in 1932. In 1937 on an around the world flight, her plane vanished without trace in Pacific Ocean.



THE WORLD OF WOMEN.

Women of Flight.

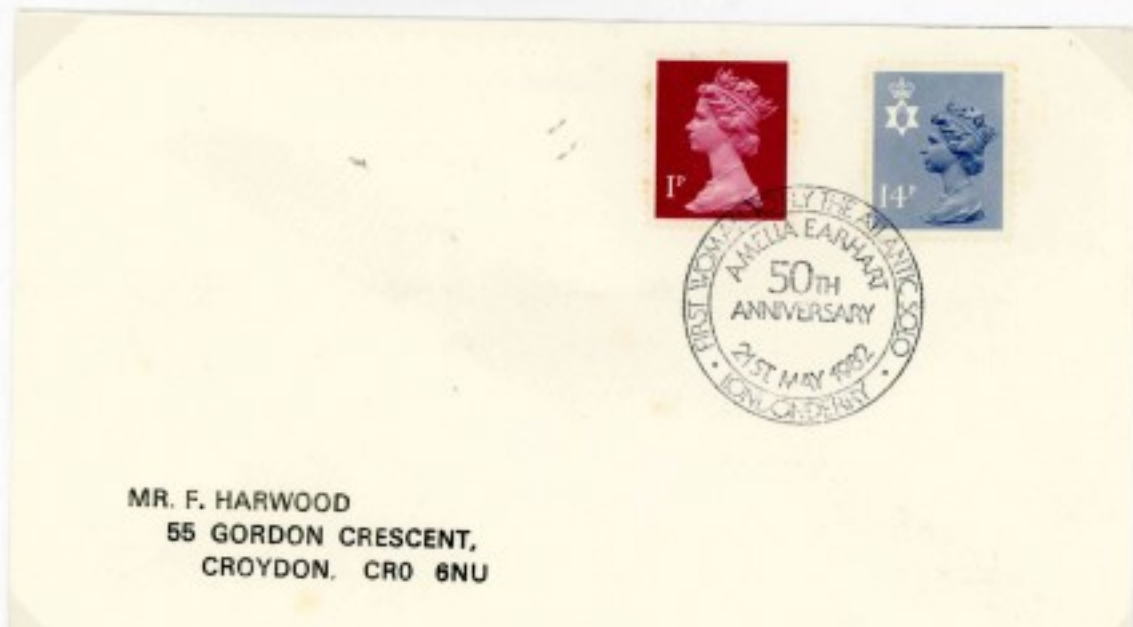
Amelia Earhart



50th anniversary of flight from Newfoundland to Wales 1928
as a passenger



She flew solo across the Atlantic Ocean from
Newfoundland to Ireland in 1932.



THE WORLD OF WOMEN.

Women of Flight.

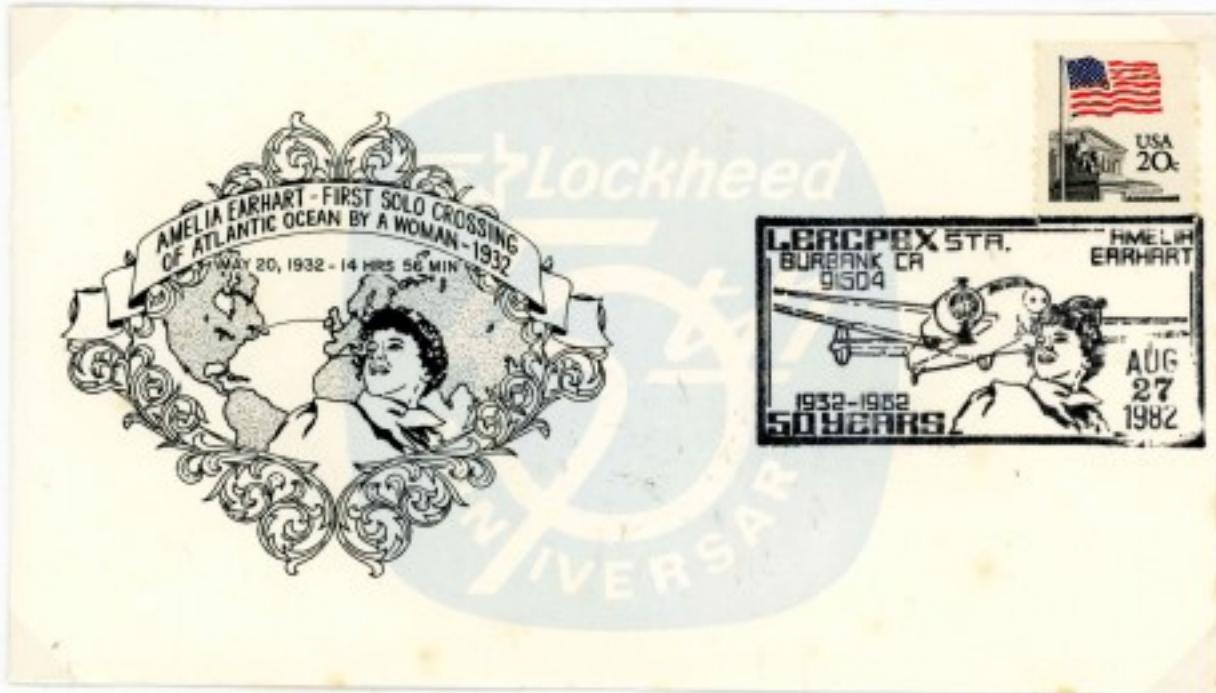
Amelia Earhart



THE WORLD OF WOMEN.

Women of Flight.

Amelia Earhart



She travelled extensively in America urging women to fly both as pilots and as passengers and so opened the world of aviation to women.



THE WORLD OF WOMEN.

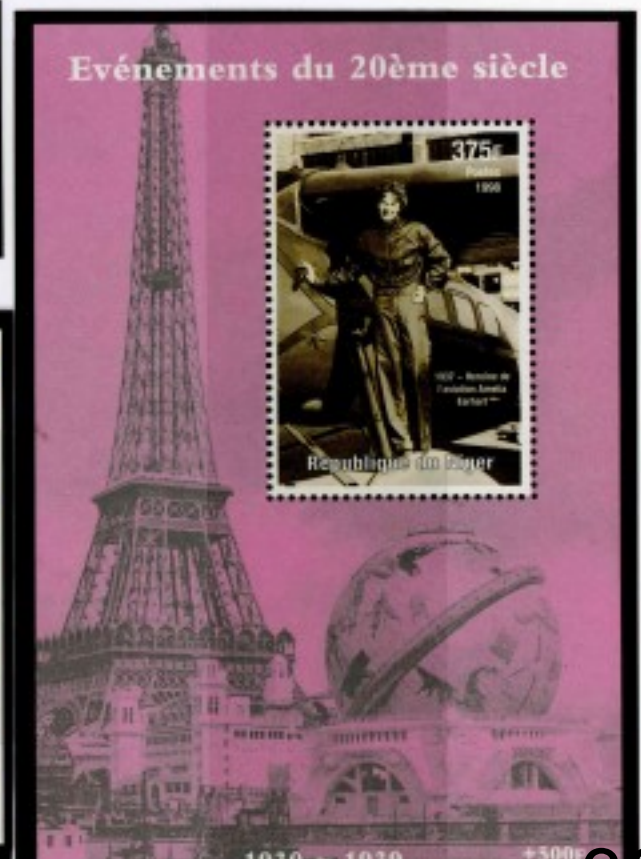
Amelia Earhart



She attempted an Around-the-World flight from America in 1937 in a Lockheed Electra with Fred Noonan as navigator, calling first at Suriname in Central America then across the South Atlantic Ocean to Mali in Africa.



Imperf pair



THE WORLD OF WOMEN.

Women of Flight.

Amelia Earhart



Dr. H. Cockburn,
34 Newton St.,
North Epping NSW 2121

She arrived in Darwin on 28th June 1937 and flew to Lae, PNG which she left on 1st July

30TH anniversary
AMELIA EARHART



COMMEMORATIVE FLIGHT
1937-1967

Flown by ANN PELLEGRENO
Of Ann Arbor, Michigan
In a Sistership to Earhart's Lockheed Electra



THE WORLD OF WOMEN.

Women of Flight.

Amelia Earhart

Radio contact was lost near Howland Island in the South Pacific on 2nd July and after extensive searches, the fliers were presumed lost at sea.

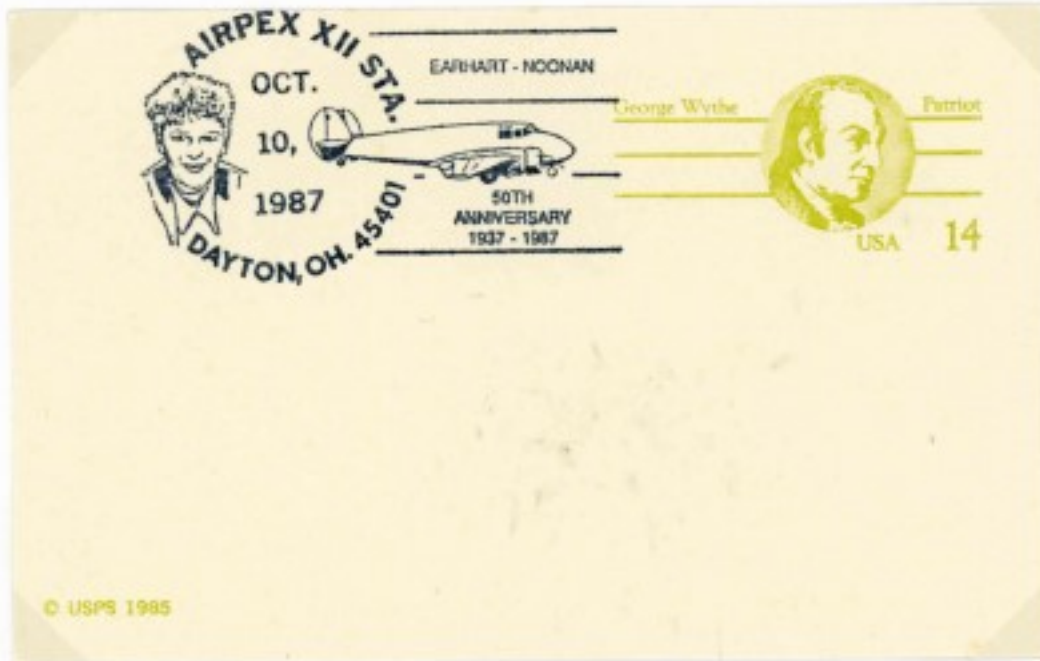


This envelope was produced to welcome her home but attracted the "Fliers Lost at Sea" cancel when her plane disappeared.

THE WORLD OF WOMEN.

Women of Flight.

Amelia Earhart



50th Anniversary:
Amelia Earhart's
Disappearance
July 2, 1937

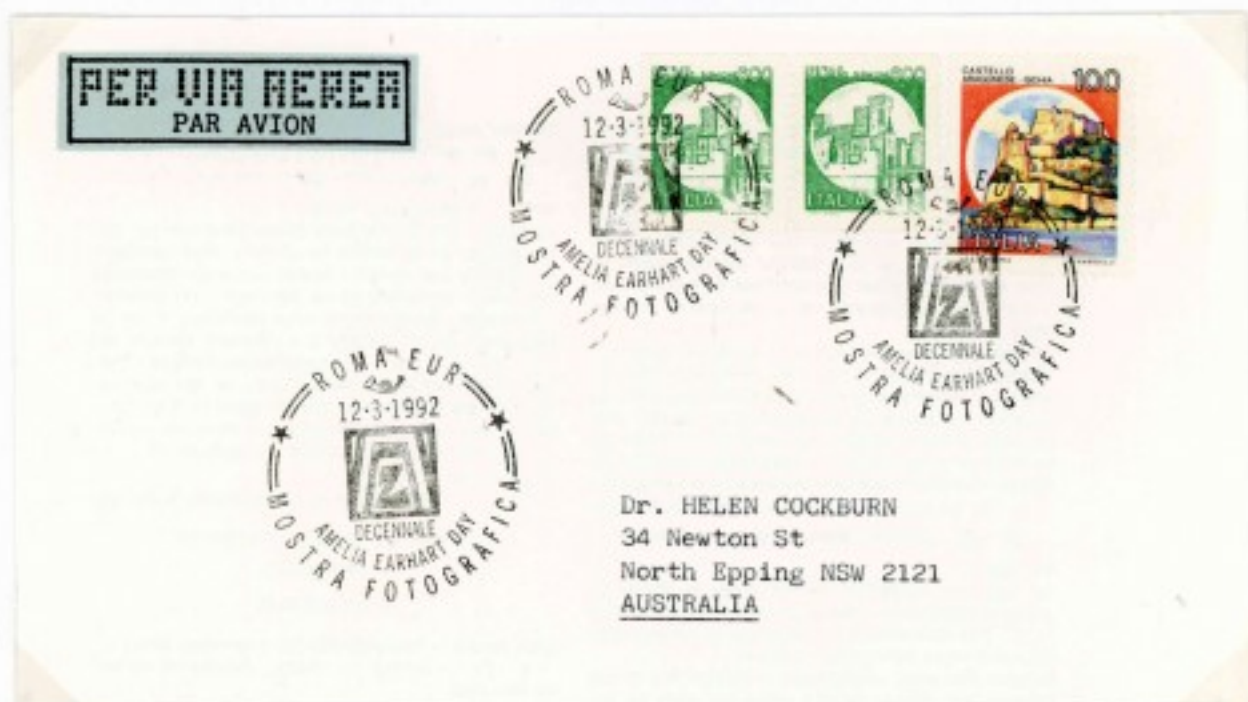
Hawaii-Oakland 1935



THE WORLD OF WOMEN.

Women of Flight.

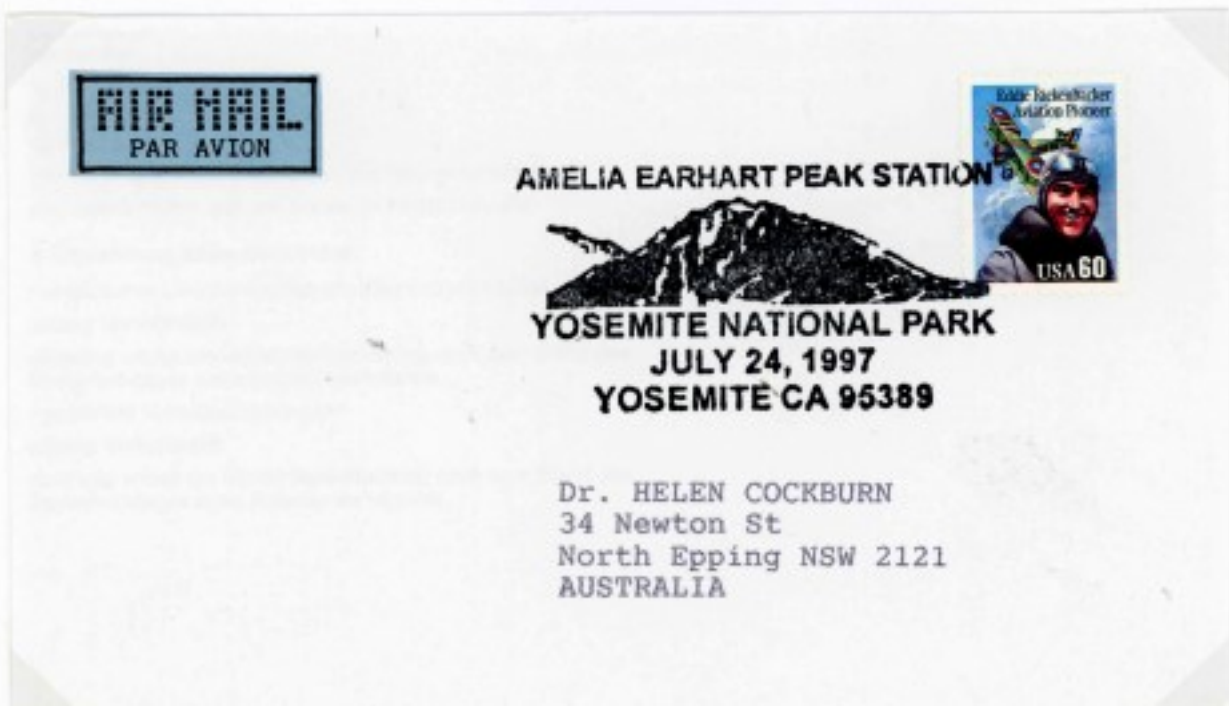
Amelia Earhart



THE WORLD OF WOMEN.

Women of Flight.

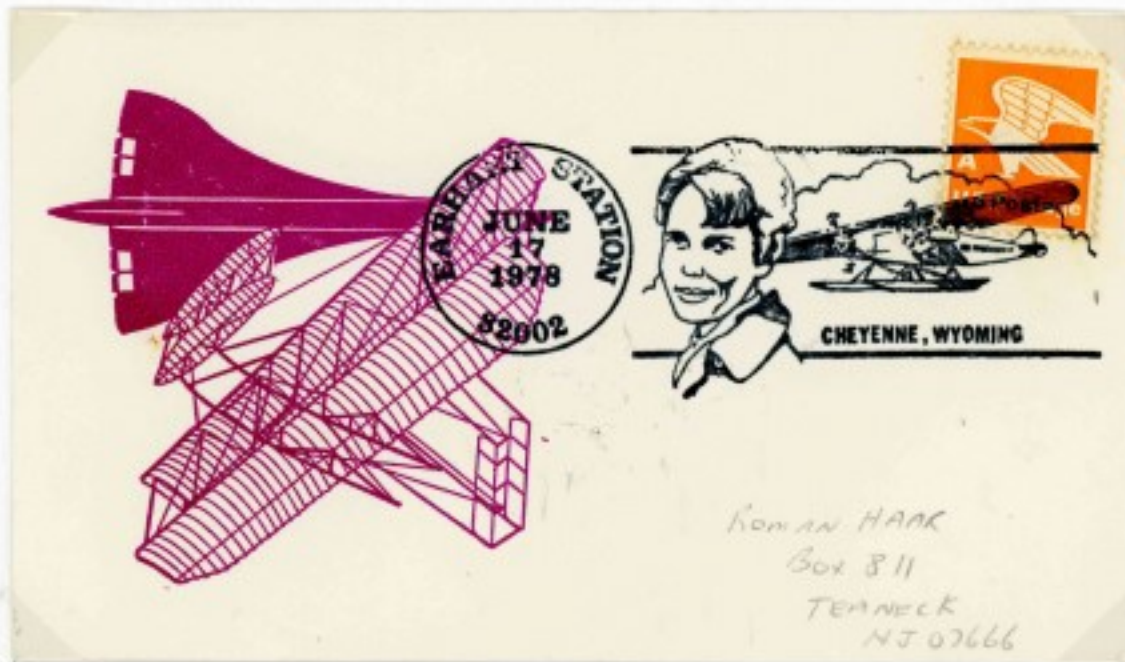
Amelia Earhart



THE WORLD OF WOMEN.

Women of Flight.

Amelia Earhart



THE WORLD OF WOMEN.

Women of Flight.



Cancel to commemorate the 80th anniversary of receiving her pilot's licence.

Amalia Figueredo 1895-1985

First female Argentinian flier, she trained with Castaibert in Lugano in 1914 but moved to San Fernando where she finished her training with Marcel Paillette. She received her pilot's licence from Aero Club of Argentine in October 1914 and did many public demonstrations. After her marriage in June 1915 to Alejandro Pietró she hardly ever flew again.

THE WORLD OF WOMEN.

Women of Flight.



Linda Finch

American pilot, she is a seasoned pilot and aviation historian with more than 20 years experience. She recently purchased one of the two remaining Lockheed Electra 10E aircraft – the model used by Amelia Earhart – and for 2 years restored and modified it. In 1997 she used this plane to replicate Earhart's voyage of 1937.



Dr. HELEN COCKBURN
34 Newton St
North Epping NSW 2121
AUSTRALIA

THE WORLD OF WOMEN.

Women of Flight.



Enriqueta Fruchard de Jarfelt 1888- ?

Argentinian flier who obtained her licence in 1916. In 1915 Juan Domenjuz did the first 'loop the loop' in South America with Fruchard as a passenger.

THE WORLD OF WOMEN.

Women of Flight.



MRS. GRAHAM, PIONEER BALLOONIST

Margaret Graham 1804- ?

A noted pioneer English balloonist who made many professional balloon ascents between 1824 and 1853. In 1838 on a flight with her husband, their grapnel caught on the side of a house dislodging a stone which killed a passer by. After this her husband's flights were rare but Margaret persisted. This cinderella stamp commemorates her night flight in 1850, the first such recorded ascent at night by a woman.

THE WORLD OF WOMEN.

Women of Flight.



Claudie Haignere 1957-

French astronaut, doctor and politician; she graduated in aviation and space medicine from Faculty of Medicine, Paris in 1982. She was a backup crew for 1993 Mir mission visiting the Mir space station in 1996. In 2001 she was the first European woman to visit the International Space Station. She retired from European Space Agency in 2002 and entered politics, eventually becoming Minister for European Affairs.

THE WORLD OF WOMEN.

Women of Flight.



Mary Heath 1896-1939

Born in Ireland she graduated from College of Science, Dublin and later emigrated to England. She became interested in athletics and in 1923 set a world record for the women's high jump and javelin. She was the first woman to hold a British commercial pilot's licence and the first woman to make a parachute jump. In 1928 she gained international recognition with her first solo light aeroplane flight from Capetown to Croydon. In 1929 she was seriously injured in an air crash in America from which she never fully recovered. However she was involved in running Kildonan Aerodrome, Dublin and in establishing Dublin Air ferries. She died as the result of a London bus accident.

THE WORLD OF WOMEN.

Women of Flight.

PIONIERI AI AVIAȚIEI ROMÂNE



Valeria Mircea Ionescu

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Cod 056/89

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Valeria Mircea Ionescu

Pioneer Romanian flier, she was the first woman in Romania to set a world record in parachuting at 7200m in 1932.

THE WORLD OF WOMEN.

Women of Flight.



Tamara Jernigan 1959-

American astronaut, she earned her BSc with honours in physics at Stanford University in 1981 and then a master's in engineering science. In 1985 she obtained a master's in astronomy at UC Berkeley and then a PhD in space physics and astronomy at Rice University in 1988. She was selected for astronaut training in 1985 and flew on board the shuttle 'Columbia' in June 1991 and again in October 1992.

SHUTTLE U.S.S. COLUMBIA DESERT STORM

Columbia Launched June 5, 1991 At 9:24 A.M. From Cape Canaveral, Florida On A Medical Mission. To Monitor Blood Pressures And Changes In Blood Vessels During Launch. To Test Loss Of Bone And Blood Cells, Nausea & Disorientation & Other Space Reactions. Has A 21,000 Lb. Spacelab To Study Human Reactions In Space To Provide The Most Coordinated Measurements Of Physical Reactions In Space Since SKYLAB. To Study Biomedical Changes Which Occur During Time To Test Direct Measurements Of Heart & Circulatory Function. Four Pilots To Be Kept For A Week In A Medical Center For Readjustment To Gravity. Most Comprehensive Medical Studies In Space. 184 Mi. Orbit.



Margaret Seddon



Tamara Jernigan



Millie Hughes-Fulford

Cancelled at Cape Canaveral when 'Columbia' was launched

THE WORLD OF WOMEN.

Women of Flight.



Mae Carol Jemison 1956-

Afro-American astronaut, the first black woman to be chosen to fly in space, she obtained a BSc in chemical engineering from Stanford University in 1977 and an MD at Cornell University Medical School in 1981. She served briefly as a medical practitioner before joining the Peace Corps and serving in Sierra Leone and Liberia. She returned to America and again took up medicine before applying to NASA. In September 1992 she spent 8 days aboard the shuttle "Endeavour" performing medical experiments.

THE WORLD OF WOMEN.

Women of Flight.



Cancelled at her birthplace for her centenary of birth



Amy Johnson 1903-1941

English woman pilot who made record breaking solo flights to Australia and South Africa. She learned to fly in 1928 and became the first woman to fly solo England to Australia. During World War II she joined Ferry Command and was lost over the Thames estuary while ferrying a plane.



Shown in her Gypsy Moth "Jason" on her flight to Australia in 1930



THE WORLD OF WOMEN.

Women of Flight.

Amy Johnson



Miss Amy Johnson became the first woman to fly from England to Australia when she left Croydon Airport on 5th May 1930 to arrive in Darwin on 24th May 1930.

This cover was taken by road from Croydon Airport to Heathrow and then flown approximately over the same route as taken by Amy Johnson to Australia.

5th May 1980—Concorde, G-N94A, 10kms. Flight time: 4 hrs. 25 mins. Sector miles: 3879. Max. speed: 2 hrs. 15 mins. Captain: John D. Cook. Senior Engineer Officer: W. D. Courier: M. H. Barnett.

5th-6th May 1980—Concorde G-N90 to Singapore. Flight time: 3 hrs. 49 mins. Sector miles: 4257. Max. speed: 12 hrs. 15 mins. Captain: Colin C. Morris. Senior First Officer: R. J. S. Burchell. Senior Engineer Officer: A. F. Whistansley. British Airways Postal Courier: M. H. Barnett.

22nd May 1980—Boeing 747/238B, VH-EBN Singapore to Darwin. Flight time: 3 hrs. 47 mins. Cruise altitude: 33,000-37,000 ft. Sector miles: 1849. Max. speed 535 kts. Captain: R. W. Archer. First Officer: R. Barclay. Second Officer: A. Walker. Eng. Officer: R. Bourmes. British Airways Postal Courier: D. J. Wilkes.

22nd May 1980—Boeing 727 VH-RM1, Darwin to Brisbane. Flight time: 3 hrs. 9 mins. Cruise altitude: 33,000 ft. Sector miles: 1045N. Max. speed: 560 kts. Captain: Keith McFadden. First Officer: Max McRae. Flight Engineer: Peter Boersen. British Airways Postal Courier: D. J. Wilkes.



to 10 ft. time: 3 hrs. 15 mins. Postal

to 10 ft. 3 hrs. 15 mins.

British Airways

THE WORLD OF WOMEN.

Women of Flight.

Amy Johnson



With Mollison flew in this plane "Black Magic" in a race to Australia but had to withdraw in Karachi due to mechanical trouble



40th anniversary of her record flight England to Nairobi and back

THE WORLD OF WOMEN.

Women of Flight.

Amy Johnson



Memorabilia of Amy Johnson can be seen at Sewerby Hall, Bridlington



THE WORLD OF WOMEN.

Women of Flight.

Amy Johnson



Derek Young
8 Melbourne
Road
Doncaster

THE WORLD OF WOMEN.

Women of Flight.



Brooke Knapp

Well known American pilot, she is the holder of over 100 aviation speed records in jets. In 1984 she set a new circumnavigation speed record in a Gulfstream III named "The American Dream". She is a leading real estate broker with Sotheby's International and a member of several prestigious business groups.

THE WORLD OF WOMEN.

Women of Flight.

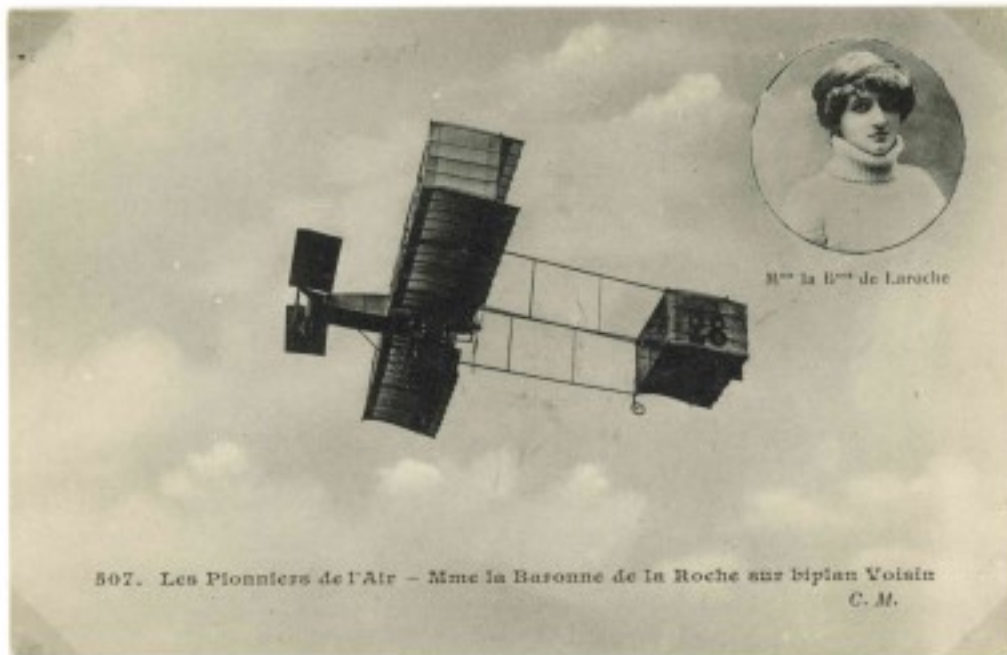


Helena Kondakova 1957-

Russian cosmonaut who graduated from Moscow Bauman High Technical College in 1980 and worked on science projects for RSC-Energia. She was selected for Gagarin Cosmonaut Training Centre in 1989, qualifying in 1990. Her first space flight was on Soyuz TM-17 and "Mir" in 1995 spending 169 days in space, the longest time spent by a woman. She was a mission specialist on the US shuttle "Atlantis" in 1997 to rendezvous and dock with "Mir".

THE WORLD OF WOMEN.

Women of Flight.



Baroness Raymonde de la Roche ?-1919

French pilot who in 1910 was the first woman to qualify for a licence. A friend of the Voisin family, leading aircraft designers, she was taught by their chief instructor and made her first solo flight of 300 yards in October 1909. She was badly injured in a race in July 1910 but in 1913 she won the coveted "Coupe Femina" for a four hour flight of 160 miles. She was killed while flying in 1919. These items show her and her Voisin biplane.



THE WORLD OF WOMEN.

Women of Flight.



Carina Negrone 1912-1991

Italian aviator who obtained her pilot's licence in 1933. She took part in many competitions in Italy and abroad winning many records with seaplanes and amphibian craft. In 1935 she reached the record altitude of 12.043 meters.



THE WORLD OF WOMEN.

Women of Flight.



Wendy Lawrence 1959-

American astronaut who obtained a BSc in ocean engineering in 1981 at US Naval Academy followed in 1988 by a MSc at MIT. While working as a physics instructor at US Naval Academy in 1992 she was selected for astronaut training. She is a veteran of 4 space flights – on STS-67 *Endeavour* (1995), STS-86 *Atlantis* (1997), STS-91 *Discovery* (1998) and STS-114 *Discovery* (2005).

THE WORLD OF WOMEN.

Women of Flight.



For 50th death anniversary on the actual date of death

Carola Lorenzini 1899-1941

First woman flight instructor in South America, she established a high flying record in 1935 and was a pioneer crossing the Rio de la Plata alone in her plane in 1935. She obtained her licence in 1933. In an international long distance flight she completed 22 exhibitions of high flying acrobatics on 23 November 1941 but was killed while making a loop at 300m.

THE WORLD OF WOMEN.

Women of Flight.



Marie Marvingt 1875-1963

French aviator, she made her first balloon flight as a pilot in 1907 and in 1909 was the first woman to fly a balloon across the North Sea and English Channel from Europe to England. She obtained her pilot's licence in 1910. In 1914 she enlisted in the French army and served in the front line as a male infantryman and also as a Red Cross nurse. In 1915 she carried out volunteer pilot flying bomber missions over Germany. Between the wars she served as a war correspondent with French forces in North Africa. The inventor of medical air transport, she devoted most of her life to the concept of aeromedical evacuation and the establishment of civil air ambulances in Morocco.



Cancelled at her birthplace

THE WORLD OF WOMEN.

Women of Flight.

Marie Marvingt

CORRESPONDANCE
PHILATELIQUE

MARIE
MARVINGT
1875-1963

TOMBLAINE
29 juin 2004



THE WORLD OF WOMEN.

Women of Flight.



Thereza de Marzo 1903-1986

Brazilian flier who against great opposition began to learn to fly in March 1921. The next year she received her licence, Number 76 of International Aeronautic Federation so striking a blow for women pilots in Brazil.

THE WORLD OF WOMEN.

Women of Flight.



Christa McAuliffe 1948-1986

American astronaut who was chosen as part of NASA's "Teacher in Space" project. She had trained as a teacher at Framingham State College and taught in secondary schools specialising in American history. She was appointed by NASA to the 1986 Challenger Space Shuttle STS 51-L as a civilian mission specialist and was scheduled to give two lessons to earth while in space. However she and all the crew were killed when Challenger exploded on take-off.



THE WORLD OF WOMEN.

Women of Flight.

Christa McAuliffe



THE WORLD OF WOMEN.

Women of Flight.



Pamela Melroy 1961-

American astronaut, she has a BSc in Physics and Astronomy from Wellesley College (1983) and a MSc from Massachusetts University in 1984. She served with NASA from 1994 and was a pilot on 2 flights in 2000 and 2002.

THE WORLD OF WOMEN.

Women of Flight.



Jerrie Mock

American pilot, who in 1964 became the first woman to fly solo around the world. She piloted a single engine Cessna 180 and flew 22,858 miles with 21 stops.

THE WORLD OF WOMEN.

Women of Flight.



Chiaki Mukai 1952-

Japanese astronaut who completed her MD in 1977 and specialised in cardiovascular surgery. In 1985 she was selected by Japan's space development agency to perform experiments in space. She trained at Johnson Space Centre from 1987 and participated in two missions, the first aboard the shuttle "Challenger" in July 1994 when she became the first Japanese woman to enter space.

THE WORLD OF WOMEN.

Women of Flight.



Ruth Nichols 1901-1960

American pioneer pilot who in 1931 attempted a solo flight across the Atlantic, New York to Paris in a single engined Lockheed Vega monoplane. She crashed at St Johns, New Brunswick and the flight was abandoned. Then in 1959 in a jet fighter she ascended to 51,000 ft – higher than any other woman had flown.

THE WORLD OF WOMEN.

Women of Flight.



Background shows their plane

Paulina Osipenko
1907-1939

Marina Raskova
1909-1943

Valentina Grizodubova
1911-

Russian pilots who all served in the Red Civilian Air Force. In 1938 they set a women's distance record with a non-stop flight of 4,031 miles from Moscow to a point near the Siberian-Manchurian border.



Issued for 40th anniversary of their flight and cancelled at Paulina Osipenko Post Office

THE WORLD OF WOMEN.

Women of Flight.

P Osipenko, M Raskova & V Grizodubova



50-ЛЕТИЕ
беспосадочного перелета по маршруту
Москва — Дальний Восток
советских летчиц В. С. Гризодубовой,
В. Д. Осипенко и М. М. Расковой



1988
ПОЧТА СССР 5к

Куда _____

Кому _____

Индекс предприятия связи _____ и адрес отправителя _____

Пашите индекс предприятия связи места назначения

Issued for 50th anniversary of their flight




50-ЛЕТИЕ
беспосадочного перелета по маршруту
Москва — Дальний Восток
советских летчиц В. С. Гризодубовой,
В. Д. Осипенко и М. М. Расковой



1988
ПОЧТА СССР 5к

Куда _____

Кому _____

Индекс предприятия связи _____ и адрес отправителя _____

Пашите индекс предприятия связи места назначения

THE WORLD OF WOMEN.

Women of Flight.

P Osipenko, M Raskova & V Grizodubova



50-ЛЕТИЕ
беспосадочного перелета по маршруту
Москва — Дальний Восток
советских летчиц В. С. Гризодубовой,
П. Д. Осипенко и М. М. Расковой

1988



Кому _____

Индекс предприятия связи _____ и адрес отправителя _____

Почтите индекс предприятия связи места назначения



50-ЛЕТИЕ
беспосадочного перелета по маршруту
Москва — Дальний Восток
советских летчиц В. С. Гризодубовой,
П. Д. Осипенко и М. М. Расковой

1988



Кому _____

Индекс предприятия связи _____ и адрес отправителя _____

Почтите индекс предприятия связи места назначения

THE WORLD OF WOMEN.

Women of Flight.

P Osipenko, M Raskova & V Grizodubova



Оренбург. Сквер им. Осипенко.



Куда _____

Кому _____

Адрес отправителя _____



ОРЕНБУРГ
Сквер им. Полины Осипенко



Куда _____

Кому _____

Индекс предприятия связи и адрес
отправителя



Индекс предприятия связи и адрес назначения

THE WORLD OF WOMEN.

Women of Flight.

P Osipenko, M Raskova & V Grizodubova



Valentina Grizodubova
Birth centenary

THE WORLD OF WOMEN.

Women of Flight.

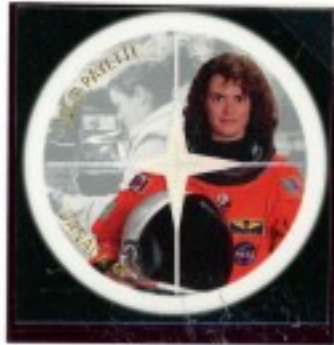


Urmila Parekh

First Indian woman to obtain a pilot's licence in 1930. Her photo was published in the magazine *Indian Aviation* in July 1931. After India achieved independence Indian women successfully competed for professional careers in all fields including aviation.

THE WORLD OF WOMEN.

Women of Flight.



Julie Payette 1963-

Canadian electrical engineer specialising in computer engineering, she was selected in 1992 by Canadian Space Agency to train for space missions. She trained at NASA from 1996. In 1999 on a 10 day mission to dock the space shuttle "Discovery" to International Space Station she operated the Canadarm while in orbit.. She was the first Canadian to board the Space Station. She is currently (2003) Chief Astronaut for Canadian Space Agency.

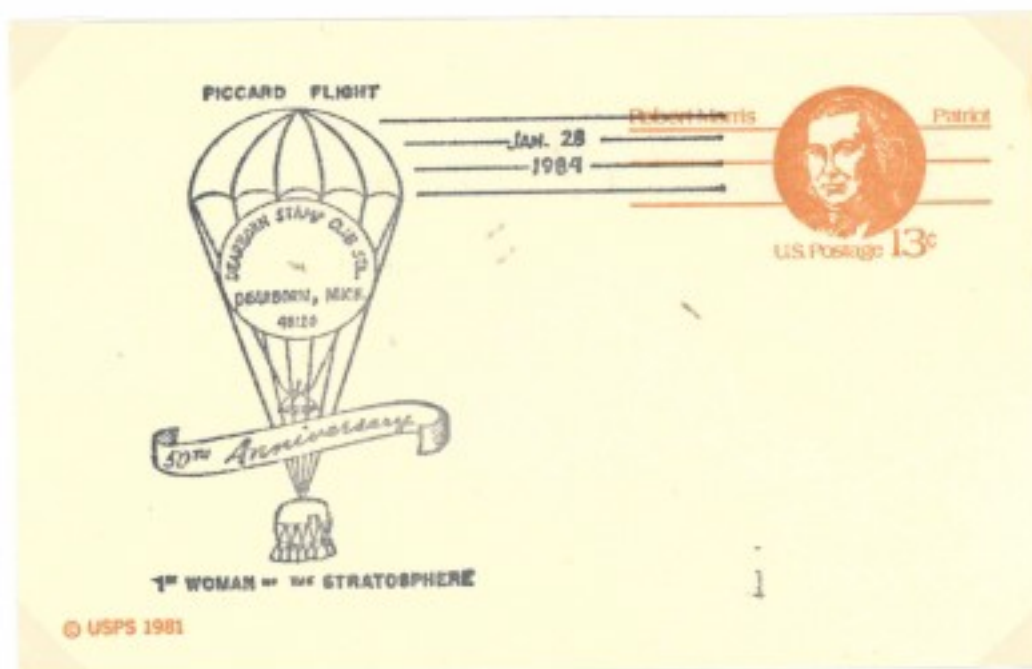
THE WORLD OF WOMEN.

Women of Flight.



Jeannette Piccard 1890-

American balloonist who piloted a stratospheric balloon ascent to 59,759 ft from Ford Airport, Dearborn, Michigan in 1934. Her husband, Jean Piccard, an aeronautic engineer and chemist, was the scientific observer on this flight.



Cancel issued for 50th anniversary of this flight

THE WORLD OF WOMEN.

Women of Flight.



Anesia Pinheiro 1904-1999

Brazilian pilot from Sao Paulo, she received her pilot's licence in 1922, the beginning of a long and glorious life dedicated to aviation. She was the first woman to establish an air route from Santos to Sao Paulo, from Sao Paulo to Rio de Janeiro (1922) and the first woman to receive a commercial pilot licence (1940). The summit of her career was in 1951 when she piloted a "Super 200" Ryan Navion, a low wing monoplane from USA to Brazil flying over the Pacific coast.

THE WORLD OF WOMEN.

Women of Flight.



Perf 11



Reprint – perf 11.2

Harriet Quimby 1884-1912

American journalist who became fascinated by flying after she covered an air meet in 1910. She learned to fly and became the first American woman pilot receiving Licence No 37. She made a tour of exhibition flights in USA and Mexico. She was also the first woman to fly the English Channel France/England on 16 April, 1912. While giving a demonstration flight with William Willard near Boston USA in July 1912, the plane suddenly pitched forward and both were catapulted to their deaths.

THE WORLD OF WOMEN.

Women of Flight.



Wilhelmine Reichard 1788- ?

German balloonist who made her first balloon ascent in 1811 and 17 more ascents up to 1820. Her third flight in 1811 was in a violent storm. The balloon was damaged and plummeted to the ground. Wilhelmine however landed in a hedge and, apart from scratches, was uninjured. Her last flight was the special attraction of Oktoberfest in Munich in 1820, which this stamp commemorates.

THE WORLD OF WOMEN.

Women of Flight.



Issued for 1992 Philatelic Exhibition – History of Aviation and Space – seen on margin

Hanna Reitsch 1912-1979

German pilot, the leading female aviator of the 20th century. She was the first German woman to win a Captain's licence, the first female helicopter pilot and the first female test pilot in Germany. In World War II she was a test pilot for all types of German aircraft including the rocket-firing jet fighter Me 262 and the prototype for V-1 rocket. She did everything but fly combat missions during the war and was the first woman to be awarded the Iron Cross (1942). She flew the last German airplane out of Berlin in late April, 1945 but was then captured by US Army and interned for 15 months. She eventually set up 40 endurance and altitude records for powered and motorless flight, being the first person to fly a glider over the Alps.

THE WORLD OF WOMEN.

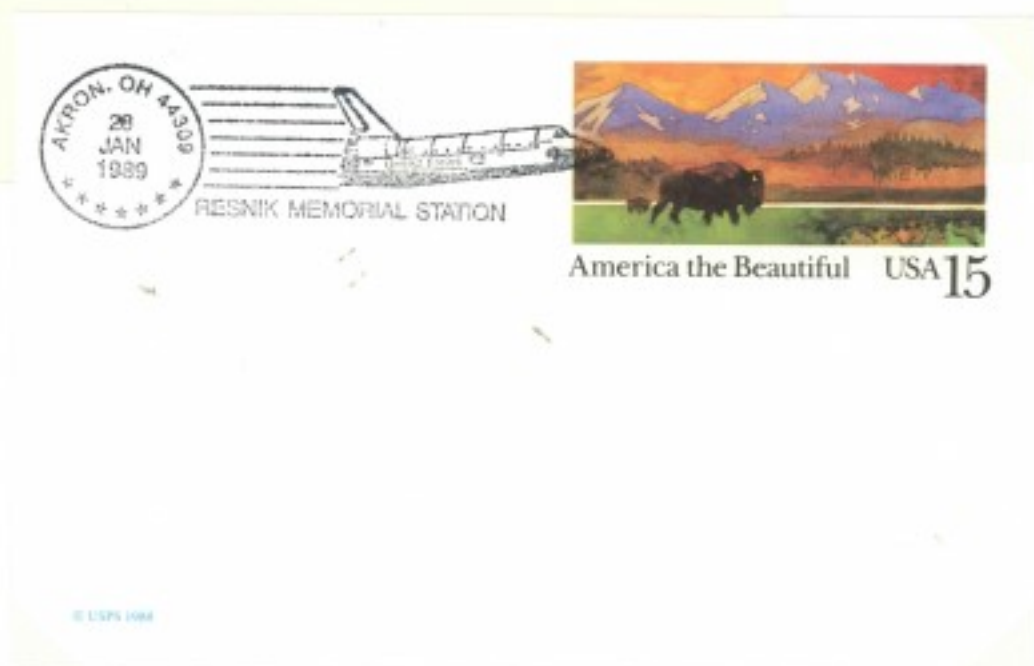
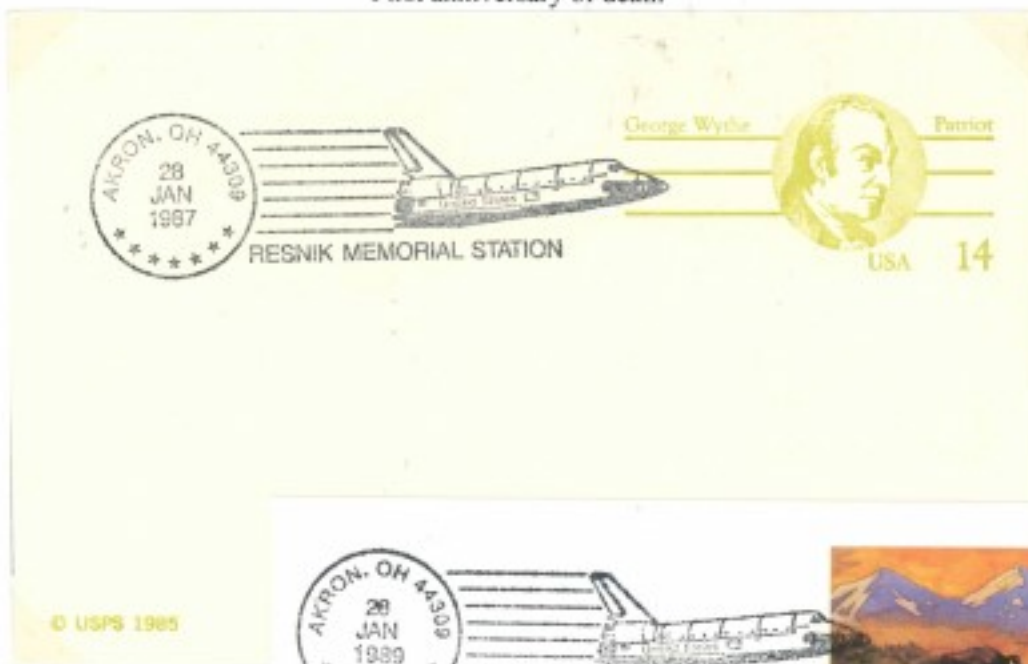
Women of Flight.

Judy Resnick 1949-1986



American astronaut, she earned a doctorate in electrical engineering from University of Maryland in 1977. She was selected by NASA in 1978 and first flew as a mission specialist on STS 41-D in August 1984. Her second flight on *Challenger* in January, 1986 ended in tragedy when the shuttle exploded after launch.

First anniversary of death

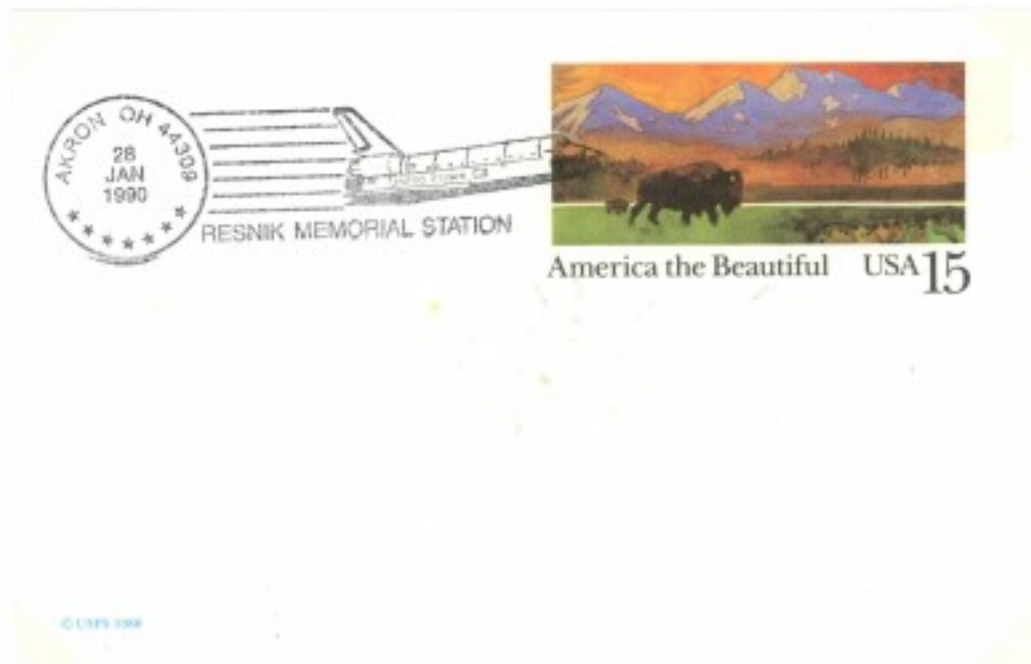


Third anniversary of death

THE WORLD OF WOMEN.

Women of Flight.

Judy Resnick



4th anniversary of death



THE WORLD OF WOMEN.

Women of Flight.

Sally Ride 1951-

First American woman astronaut, she made her maiden flight on Challenger STS-7 in 1983. She is a graduate of Stanford University with a master of science and doctorate in astrophysics and was selected for the space program in 1978. Her second flight was in 1984 when she served as a mission specialist on STS 41-G. When Challenger exploded in 1986 she terminated mission training to serve as a member of Presidential Commission on the Space Shuttle Challenger Accident. Retiring from NASA in 1987 she became Science fellow at Stanford University and in 1989 became Director of California Space Institute. Her most recent endeavour is *Imaginary Lines*, an organisation founded to provide support for girls interested in science.



GUYANA POST OFFICE



Shown on lower right stamp

THE WORLD OF WOMEN.

Women of Flight.

Sally Ride

CALCOPEX '95

28th Annual Stamp Show
October 7-8, 1995
Anniston
Alabama 36201



Commemorating the first
U.S. woman in space
—Sally K. Ride—
June 18, 1983





Sally K. Ride

THE WORLD OF WOMEN.

Women of Flight.



Ada Rogato 1920-1986

Brazilian aviator, she obtained her pilot licence in 1936 and also Parachutist licence #1 from Aeroclub of Sao Paulo. In 1950 she did a solo flight to four South American countries, Paraguay, Argentine, Chile and Uruguay while in April 1951 she started at Rio de Janeiro on the "Good Neighbour Raid" flying over South, Central and North Americas. She was the first Brazilian to fly over the Andes.



THE WORLD OF WOMEN.

Women of Flight.



Nadezhda Russo 1901-1988

First woman aviator of Bessarabia. She was born in Russia but took refuge in Chisinau in 1917 and married her landlord Alexandru Russo. She attended a volunteer Red Cross nurse's school in Chisinau and in 1936 attended the pilot school "Mircea Cantacuzino" in Bucuresti. In 1938 she participated as the only woman in the air raid in the direction Prague-Bucuresti-Beograd-Bratislava. During WWII she was part of White Sanitary Squadron transporting hundreds of wounded.

THE WORLD OF WOMEN.

Women of Flight.



Svetlana Savitskaya 1948-

Russian test pilot and parachutist who, in 1982, became Russia's second woman cosmonaut in Soyuz T-7. She was the first woman to walk in space when she left Salyut-7 space station on 27th July, 1984 to do a welding job on the outside of the orbital complex.



Cancel shows the Soyuz T-7 spaceship

THE WORLD OF WOMEN.

Women of Flight.

Svetlana Savitskaya



Cancel and stamp show her walk in space – on 2nd voyage July 1984 when she worked on Salyut 7 space station.



THE WORLD OF WOMEN.

Women of Flight.



Blanche Stuart Scott 1886-1970

American pilot called "The Tomboy of the Air". She learned to fly in 1910 and joined a stunt flying group hoping her stunts would stimulate more opportunities for women in aeronautics. After WWI she gave up stunt flying and became a special consultant for US Air Force at Wright Patterson Air Force base Museum in Ohio. She was the first American woman to make a solo flight.



For 75th anniversary of her solo flight

THE WORLD OF WOMEN.

Women of Flight.

Blanche Stuart Scott

BLANCHE STUART SCOTT
STATION



Hammondsport NY
October 2, 2005



Blanche Stuart Scott Station
Hammondsport NY 14840
October 2, 2005



95th anniversary of her solo flight

THE WORLD OF WOMEN.

Women of Flight.



First solo light aircraft flight over North Pole 1971

Sheila Scott 1927-1988

British flier who completed the longest consecutive solo flight when she flew 31,000 miles around the world in 1965. She broke over 100 flying records and won over 50 racing trophies. In 1967 she established world records on London-Capetown and Capetown-London flights.

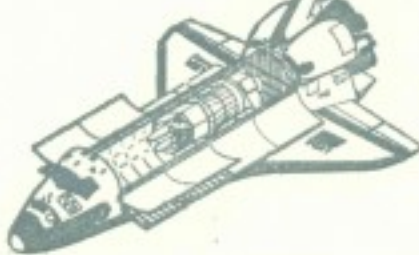
THE WORLD OF WOMEN.

Women of Flight.

SHUTTLE U.S.S. COLUMBIA DESERT STORM

To Kill The 29 Rats And Examine For Physical Changes In Space For Humans. Jellyfish Have Gravity Sensors Similar To Human Inner Ear That Might Explain Dizziness. The Space Lab Is 22 Ft. Long And 16 Ft. Wide, Weighs 21,000 Lbs. With The Cost Of \$140 Million. In Space Body Fluids Transfer To Upper Body, Then Back To Legs After The Flight. Tests Of Combination Of Brain Nerves, Eyes And Inner Ear Which Helps Body Orient Itself—Related To Motion Sickness. There Was No Real Problem With Cargo Bay Door So No Spacewalks Needed. Most Beautiful Sight Is Earth's Rim Over Vast Oceans.

Astronauts Byron O'Connor, Sidney Gutierrez, Dr. Frank Gaffney, Dr. James Bagain, Margaret Seddon & Millie Hughes-Fulford. Landed At Edwards Air Force Base, Calif. June 14, 1991 At 8:39 A.M. P.S.T. Most Important Medical Flight In The Shuttle Program.



Margaret Seddon



Tamara Jernigan



Millie Hughes-Fulford

Landed at Edwards Air Force Base California 14 June 1991

Margaret Seddon 1947-

American astronaut, she obtained a BA (Physiology) from University of California 1970 and a MD from University of Tennessee in 1973. She was chosen for astronaut training and made three flights – as mission specialist on STS-51D in 1985, STS-40 in 1991 and as payload commander in 1993 in Spacelab STS-58.

THE WORLD OF WOMEN.

Women of Flight.

Helen Sharman 1964-

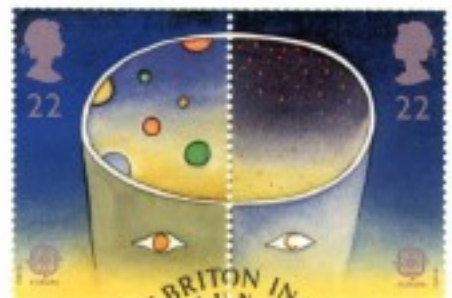
Britain's first astronaut, she won her place in space in 1989 after answering an advertisement. She was selected from 13,000 applicants to be the British member of the Russian scientific space mission 'Project Juno'. She spent 18 months training outside Moscow. She was launched in Soviet Soyuz TM-12 with 2 Russian astronauts on 18 May 1991. While in space she carried out a series of medical and agricultural experiments. They docked with MIR Orbital space complex and returned to earth in Soyuz TM-11 descent module on 26 May. Sharman has been called "the woman from Mars" as she was a confectionery technologist working for the company that made Mars Bars.

FIRST BRITON IN SPACE



Commemorative Cover²

COTSWOLD COVERS



18 MAY '91

18 MAY '91
COTSWOLD COVERS
CHICHESTER

Autographed cover on day of lift-off.

THE WORLD OF WOMEN.

Women of Flight.

PIONIERI AI AVIAȚIEI ROMÂNE



1 LEU
POȘTA ROMÂNĂ

CARTE POȘTALĂ

Cod 054/89

Prețul de vânzare 1 lei

Destinatar _____

Strada _____ Nr. _____

Blocul _____ Scara _____ Etajul _____ Apart. _____

Sectorul _____ Județul _____

Codul _____ Localitatea _____

IBR

Codul	Localitatea
-------	-------------

Expeditor _____

Strada _____ Nr. _____

Blocul _____ Scara _____ Etajul _____ Apart. _____

Sectorul _____ Județul _____

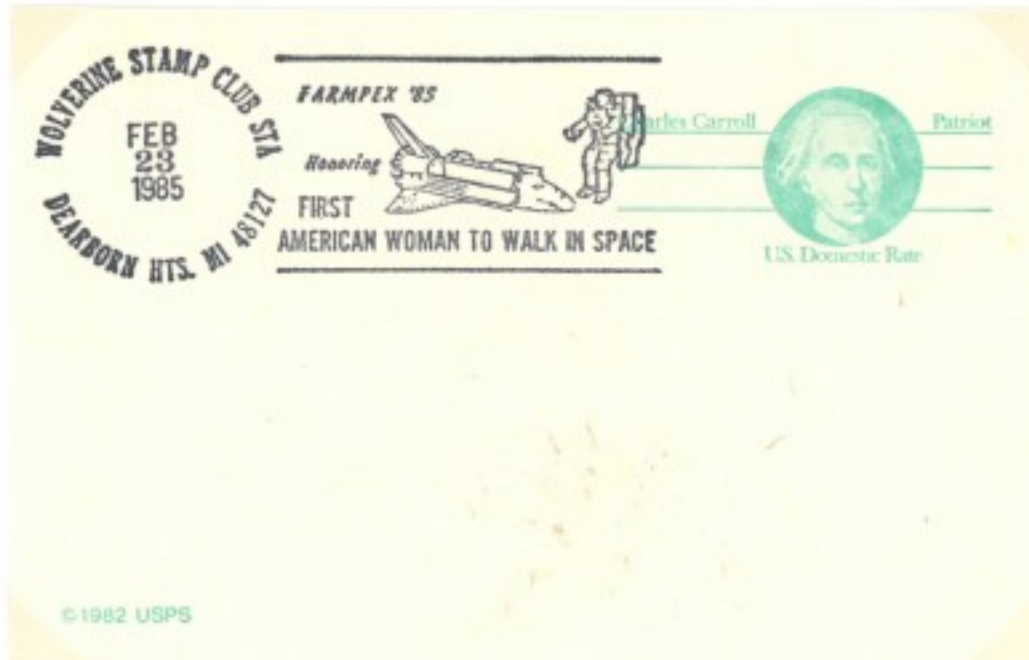
Codul _____ Localitatea _____

Elena Caragiani Stoenescu

Pioneer Romanian flier.

THE WORLD OF WOMEN.

Women of Flight.



Kathryn Sullivan 1951-

American astronaut, she was originally an oceanographer with US Geologic Survey before being chosen for astronaut training in 1978. She had 3 flights – in 1984, when she was the first American woman to walk in space, in 1990 and in 1992.



Autographed cover



Kathryn D. Sullivan

THE WORLD OF WOMEN.

Women of Flight.



Commemorative cancel issued for visit to Budapest 1965



Overprint 1964 for International Space Exhibition, Italy

Valentina Tereshkova 1937-

Russian cosmonaut and first woman to encircle the earth in space. She began her space flight in Vostok 6 on 16th June, 1963 and orbited the earth 45 times. She has been honoured on many stamps.

THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



20-ЛЕТИЕ ПОЛЕТА
ПЕРВОЙ В МИРЕ ЖЕНЩИНЫ-КОСМОНАВТА
В. В. ТЕРЕШКОВОЙ



Cancel to celebrate 20 years of flight

THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



Russia postcard
issued 6 August
1963

Russia PC issued
26 November
1973



THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



Registered letter cancelled at Jaroslavl showing perf and imperf stamps

THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



THE WORLD OF WOMEN.

Women of Flight.

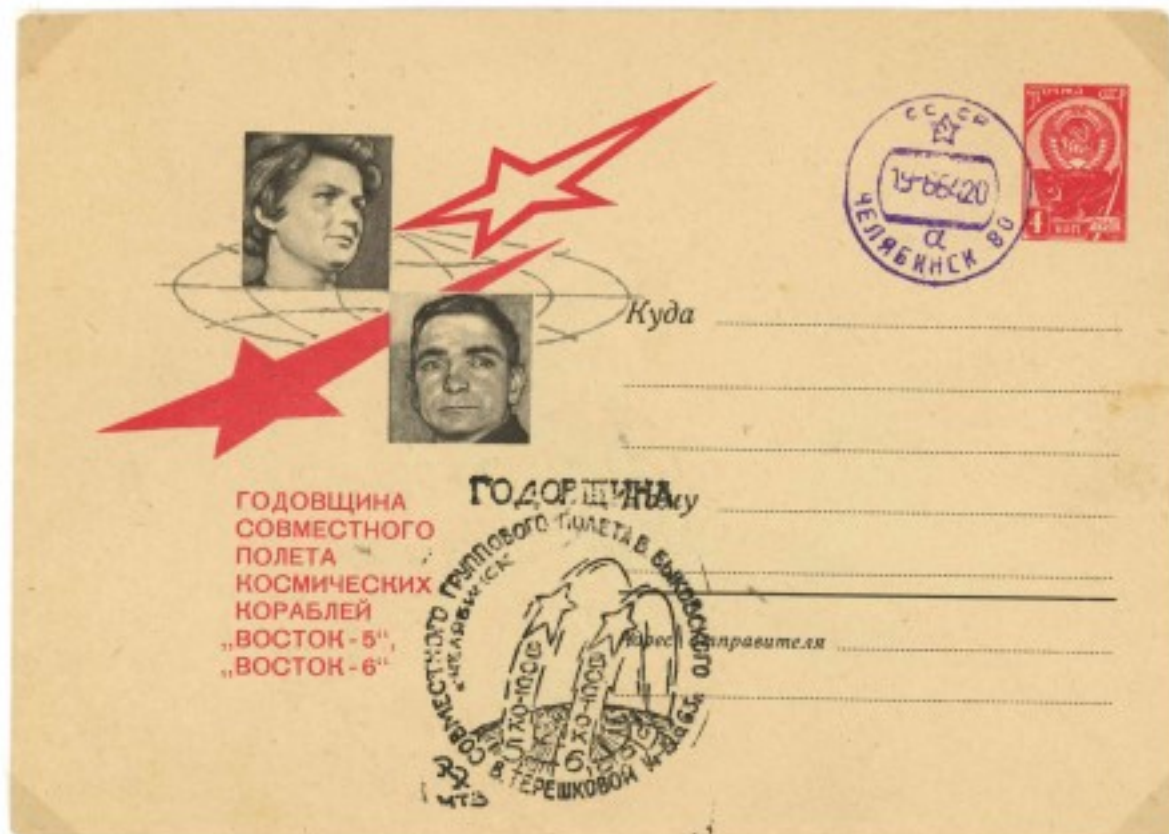
Valentina Tereshkova



THE WORLD OF WOMEN.

Women of Flight.

Valentina Tershkova



THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



PAR AVION
AIR MAIL



CORRESPONDANCE
PHILATELIQUE

Dr. HELEN COCKBURN

REDIRECTED MAIL*Expiry 30/08/93
for - COCKBURN
21 GUM BLOSSOM DR
WESTLEIGH NSW 2120

30th anniversary of space flight

THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



For 20th anniversary of flight

THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



Autographed photo



THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



Autographed cover – 16 June 1963



Lower left – Tereshkova and her daughter



THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



Booklet issued for 40th anniversary of flight

THE WORLD OF WOMEN.

Women of Flight.

Valentina Tereshkova



THE WORLD OF WOMEN.

Women of Flight.



Mme Thilbe

French balloonist and the first woman to make an ascent in a balloon name "Le Gustave" in 1784.

THE WORLD OF WOMEN.

Women of Flight.



Freda Thompson 1906-1980

First Australian woman to fly solo from England to Australia (1934). She learned to fly with Royal Victorian Aero Club in 1930. In 1934 set off for England to take delivery of her new plane, a de Havilland Moth Major, which she flew to Australia in 155 hours.



Stamp printed
on postcard



With stamp



THE WORLD OF WOMEN.

Women of Flight.



T N Voinova 1938-1985

Russian and world champion
parachute jumper.

THE WORLD OF WOMEN.

Women of Flight.



Mary Ellen Weber 1962-

American astronaut who received a BS in chemical engineering for Purdue University in 1984 and a PhD in chemistry from UC Berkeley in 1988. She was working as a materials engineer at Texas Instruments when she was selected for astronaut training in 1992. Her first mission was on STS-70 in 1995 which delivered a NASA communication satellite.

THE WORLD OF WOMEN.

Women of Flight.



Jeana Yeager 1952-

American pilot who, with Dick Rutan, made the first non-stop flight around the world in "Voyager" in 1986. The trip took almost 2 weeks.



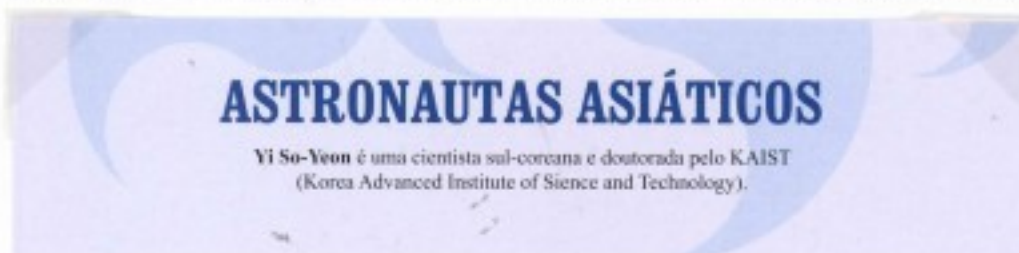
THE WORLD OF WOMEN.

Women of Flight.



Yi So Yeon 1978-

First Korean and second Asian woman to fly in space. South Korean scientist and PhD graduate of Korean Advanced Institute of Science and Technology. As a guest of Russian government she flew on Soyuz TMA-12 and Soyuz TMA-11 as spaceflight participant



A 8 de Abril de 2008, tornou-se a primeira coreana e a segunda mulher asiática a voar no espaço, depois de Chisaki Mukai.

Yi So-Yeon é uma cientista sul-coreana e doutorada pelo KAIST (Korea Advanced Institute of Science and Technology).

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Seoul 30 Julho - 4 Agosto 2009

S. TOMÉ E PRÍNCIPE

THE WORLD OF WOMEN.

Women of Flight.



Бетчица, старший лейтенант
Е. Н. ЗЕЛЕНКО
1916-1941



Куда _____

Кому _____

Индекс предприятия связи
и адрес отправителя

Индекс предприятия связи места назначения

Ekaterina Zelenko 1916-1941

Russian pilot who graduated from Chkalov Flying School and fought in WWII over Karelian Isthmus during the Winter War against Finland. She displayed great skill and was awarded the Order of the Red Banner. In September 1941 her bomber encountered 7 ME-109 fighters. One fighter was shot down, her navigator was killed and she ran out of ammunition, ramming her plane against an enemy aircraft.