

or on a yearly basis. Accident insurance is obtainable at a slight increase over the regular rates.

Public Liability: Covering the assured against all law suits arising from injury to persons outside of the plane, and property damage, covering all damage to property owned by others, such as crops, etc.

### CUSTOMS REGULATIONS

Quarantine rules for aircraft, as promulgated by the Public Health Service are given in the Aerial Legislative Section of the Appendix.

General customs regulations for aircraft are nebulous as yet. The Chief, Division of Customs, Treasury Department, states, as of December 1, 1920:

"There are no customs laws on the statute books relating particularly to the importation or exportation of merchandise by aircraft, and there are no regulations covering the subject generally. However, merchandise imported or exported by aircraft would be subject to the same laws, regulations and duties as if imported or exported by vessel, train, automobile or other vehicle, and under these regulations the craft would be required to land at the port of entry nearest to the point at which it entered the United States, in order that customs formalities might be complied with. Whether the craft itself would be subject to duty, if a foreign production, would depend on whether it was owned by a regular transportation company and operated as a common carrier. If so, it would not be subject to duty, otherwise it would be. The Department has, however, ruled that airplanes of foreign manufacture may be brought into the United States under their own power free of duty for a period of thirty days for touring purposes, under article 422 of the Customs Regulations of 1915. This would also apply to any other form of aircraft brought in for a similar purpose.

"As stated above, the craft would be required to land at the port of entry nearest to the point at which the same entered the United States. If the aerodrome, or landing field, should be situated within the limits of such port, the customs examination and supervision of arrivals and departures would be without expense to the owner of the vessel, but if situated outside the limits of the port examination and supervision of arrivals and departures would be at the expense of the parties in interest.

"The requirements under the Passport Control Act of May 22, 1918, and the President's Proclamation of August 8, 1918, made in pursuance thereof, would be applicable to arrivals and departures of persons by aircraft, the same as to arrivals and departures of persons by vessel or vehicle. The regulations regarding export declarations covering shipments by land or sea would also be applicable to exportations by aircraft."

The U. S. Coast Guard is charged with the prevention of smuggling as well as the enforcement of the navigation and customs laws in general.

## RECORDS, ETC.

## LIST OF WORLD AERONAUTICAL RECORDS

All records to be official must be homologated by the Federation Aeronautique Internationale. The F. A. I., in transmitting the latest data to the European correspondent of the Manufacturers' Aircraft Association, advised, under date of Nov. 26, 1920: "You will find enclosed the official list of world records from the 6th of January, 1920. (There was none from the 1st of August, 1914, to the 5th of January, 1920.) These will permit you to complete your list."

B indicates biplane.

M indicates monoplane.

T indicates triplane.

## FIRST AIRPLANE FLIGHTS

Name	Airplane	Engine	Place	Date	Height
B Orville Wright	Wright	16 h.p. Wright	Kitty Hawk, N. C.	Dec. 17, 1903	Metres Feet
B Wilbur Wright	Wright	16 h.p. Wright	Kitty Hawk, N. C.	Dec. 17, 1903	25 82
ALTITUDE — (Pilot Alone)					
Name	Airplane	Engine	Place	Date	Height
B Wilbur Wright	Wright	24 h.p. Wright	Auvours, Fr.	11-13-08	Metres Feet
B Henry Farman	Voisin	40 h.p. Vivinus	Issy, Fr.	11-13-08	25 82
B Wilbur Wright	Wright	24 h.p. Wright	Auvours, Fr.	12-18-08	110 361
B Louis Paulhan	Voisin	50 h.p. Gnome	Douai, Fr.	7-18-09	150 492
M Hubert Latham	Antoinette	50 h.p. Antoinette	Rheims, Fr.	8-29-09	155 508
B Rougier	Voisin	50 h.p. E.N.V.	Brescia	9-20-09	193 633
B DeLambert	Wright	24 h.p. Wright	Juvisy, Fr.	10-18-09	300 984
M Hubert Latham	Antoinette	50 h.p. Antoinette	Chalons, Fr.	12- 1-09	453 1486
M Hubert Latham	Antoinette	50 h.p. Antoinette	Chalons, Fr.	1- 7-10	1050 3445
B Louis Paulhan	H. Farman	50 h.p. Gnome	Los Angeles, Cal.	1-12-10	1269 4164
B Walter Brookins	Wright	40 h.p. Wright	Indianapolis	6-14-10	1335 4380
M Hubert Latham	Antoinette	50 h.p. Antoinette	Rheims, Fr.	7- 7-10	1384 <b>4541</b>

Name	Airplane	Engine	Height Metres	Date	Height Feet
B Walter Brookins	Wright	40 h.p. Wright	7-10-10	1990	6259
M Armstrong Drexel	Bleriot	50 h.p. Gnome	8-11-10	2013	6605
M Leon Morane	Bleriot	50 h.p. Gnome	8-29-10	2150	7054
M Leon Morane	Bleriot	50 h.p. Gnome	9-3-10	2582	8471
M Geo. Chavez	Bleriot	50 h.p. Gnome	9-8-10	2587	8487
B Henry Wijnmalen	H. Farman	50 h.p. Gnome	10-1-10	2780	9121
B Ralph Johnstone	Wright	60 h.p. Wright	10-31-10	2960	9712
M Geo. Legagneux	Bleriot	50 h.p. Gnome	12-9-10	3110	10204
B Arch. Hoxsey	Wright	60 h.p. Wright	12-26-10	31474	11474
B Loridan	H. Farman	70 h.p. Gnome	7-9-11	3200	10499
M Capt. Felix	Bleriot	70 h.p. Gnome	8-5-11	3350	10991
B Lincoln Beachy	Curtiss	60 h.p. Curtiss		3527	11573
M Roland Garros	Bleriot	70 h.p. Gnome		3950	12966
M Roland Garros	Bleriot	70 h.p. Gnome		4960	16274
M Geo. Legagneux	Morane	80 h.p. Gnome	9-17-12	5450	17891
M Roland Garros	Morane	80 h.p. Gnome	12-11-12	5610	18466
M Edouard Perryn	Bleriot	80 h.p. Gnome		5880	19355
B Geo. Legagneux	Nieuport	60 h.p. LeRhone	3-11-13	6120	20089
B Gino Linnekogel	Rumpler	100 h.p. Mercedes	12-29-13	6600	21654
B Harry Oelerich	D.F.W.	100 h.p. Mercedes	7-9-14	7850	25735
B R. W. Schroeder	Lepere	400 h.p. Liberty, with supercharger	7-14-14 2-27-20	10093	33114
RECORDS, ETC.					

## AIRCRAFT YEAR BOOK

## DISTANCE -- (Airplanes)

Name	Airplane	Engine	Place	Date	Distance Yards	Metres
M Santos Dumont	Santos Dumont	50 h.p. Mercedes	Bagatelle, Fr.	9-14-06	8.6	7.8
M Santos Dumont	Santos Dumont	50 h.p. Mercedes	Bagatelle, Fr.	11-12-06	244.4	220.
B Henry Farman	Voisin	40 h.p. Vivinus	Issy, Fr.	10-26-07	855.5	770.
B Henry Farman	Voisin	50 h.p. Antoinette	Issy, Fr.	1-13-08	0.625	1.
B Henry Farman	Voisin	50 h.p. Antoinette	Issy, Fr.	3-21-08	1.25	2
B Leon Delagrange	Voisin	40 h.p. Vivinus	Issy, Fr.	4-11-08	2.50	4
B Leon Delagrange	Voisin	50 h.p. E.N.V.	Issy, Fr.	5-20-08	7.7	13
B Leon Delagrange	Voisin	40 h.p. Vivinus	Issy, Fr.	9- 6-08	15.3	24
B Leon Delagrange	Voisin	40 h.p. Vivinus	Issy, Fr.	9-17-08	41.5	67
B Wilbur Wright	Voisin	24 h.p. Wright	Auvours, Fr.	9-21-08	600.9	974
B Wilbur Wright	Wright	24 h.p. Wright	Auvours, Fr.	12-18-08	62.	100
B Wilbur Wright	Wright	24 h.p. Wright	Auvours, Fr.	12-31-08	77.5	125
B Henry Farman	H. Farman	50 h.p. Gnome	Rheims, Fr.	8-26-09	112.	180
B Henry Farman	H. Farman	50 h.p. Gnome	Mourmelon, Fr.	11- 3-09	150.	240
M Jan Oliegaers	Bleriot	50 h.p. Gnome	Rheims, Fr.	7-10-10	139.5	225
M Jan Oliegaers	Bleriot	50 h.p. Gnome	Rheims, Fr.	245.	393	
B Maurice Tabuteau	M. Farman	70 h.p. Renault	Etampes, Fr.	10-28-10	200.	465
B Maurice Tabuteau	M. Farman	70 h.p. Renault	Etampes, Fr.	12-30-10	302.7	585
M Jan Oliegaers	Bleriot	50 h.p. Gnome	Kiewitt	7-16-11	393.7	635
B Georges Fourny	M. Farman	70 h.p. Gnome	Buc, Fr.	9- 1-11	448.3	723
B Andre Gobe	Nieport	70 h.p. Gnome	Pau, Fr.	12-24-11	460.	740
B Georges Fourny	M. Farman	70 h.p. Gnome	Etampes, Fr.	9-11-12	633.	1017
B Landmann	Albatross	100 h.p. Mercedes	Johannisthal, Ger.	6-28-14	1178	1900
B Boussois	Goliath	2-260 h.p. Salmonson	Villesavagel-la Marmagne, Fr.	6-34-20	1915	1109
Jean Bernard }						

## DURATION

Name		Airplane	Engine	Place	Time Hrs. Sec.	Time Min. Sec.
M Santos	Dumont	Santos Dumont	50 h.p. Antoinette	Bagatelle, Fr.	11-12-06	0 0 21
B Henry	Farman	Voisin	40 h.p. Vivinus	Issy, Fr.	10-26-07	0 0 52
B Henry	Farman	Voisin	50 h.p. Antoinette	Issy, Fr.	1-13-08	0 1 28
B Henry	Farman	Voisin	50 h.p. Antoinette	Issy, Fr.	3-21-08	0 3 39
B Leon	Delagrange	Voisin	40 h.p. Vivinus	Issy, Fr.	4-11-08	0 6 39
B Leon	Delagrange	Voisin	50 h.p. E.N.V.	Rome, Italy	5-30-08	0 15 26
B Henry	Farman	Voisin	50 h.p. Antoinette	Issy, Fr.	7- 6-08	0 20 19
B Leon	Delagrange	Voisin	40 h.p. Vivinus	Avourus, Fr.	9-21-08	1 29 53
B Wilbur	Wright	Wright	24 h.p. Wright	Avourus, Fr.	12-18-08	1 31 25
B Wilbur	Wright	Wright	24 h.p. Wright	Avourus, Fr.	12-31-08	2 30 23
B Louis	Pauthan	Voisin	50 h.p. Gnome	Betheny, Fr.	8-27-09	2 43 24
B Henry	Farman	H. Farman	50 h.p. Gnome	Betheny, Fr.	8-27-09	3 4 56
B Henry	Farman	H. Farman	50 h.p. Gnome	Mourmelon, Fr.	11- 3-09	4 17 33
M Labouchere		Antoinette	50 h.p. Antoinette	Rheims, Fr.	7- 9-10	4 19 0
M Jan	Olieslaegers	Bleriot	50 h.p. Gnome	Rheims, Fr.	7-10-10	5 3 5
B Maurice	Tabuteau	M. Farman	70 h.p. Renault	Etampes, Fr.	10-28-10	6 0 0
B Henry	Farman	H. Farman	50 h.p. Gnome	Etampes, Fr.	12-18-10	8 12 23
B Georges	Fourny	M. Farman	70 h.p. Renault	Buc, Fr.	9- 1-11	11 1 20
B Georges	Fourny	M. Farman	70 h.p. Renault	Buc, Fr.	9-11-11	13 17 57
B Langer	L.F.G. Roland	100 h.p. Mercedes	Johannisthal, Ger.	2- 4-14	14 7 0	
B Poulet	Caudron	50 h.p. Gnome	Etampes, Fr.	4-24-14	16 28 56	
B Basser	Rumpler	100 h.p. Mercedes	Johannisthal, Ger.	6-24-14	18 10 0	
B Landmann	Albatross	100 h.p. Mercedes	Johannisthal, Ger.	6-28-14	21 50 0	
B Boehm	Albatross	100 h.p. Mercedes	Johannisthal, Ger.	7-10-14	24 12 0	
B Boussoutrut	Farmann	Goliath	Villesavage-la Marmagne, Fr.	6-3/4-20	24 19 7	
Jean Bernard } 2-260 h.p. Salmonson						

## SPEED

Name	Airplane	Engine	Place	Date	Speed per Hr.
B Wilbur Wright	Wright	24 h.p. Wright	Auvours, Fr.	9-21-08	Miles 27.2 Kilos 44
B Leon Delagrange	Voisin	45 h.p. Antoinette	Juvisy, Fr.	5-31-09	45
B Capt. Ferber	Voisin	45 h.p. Antoinette	Juvisy, Fr.	9-3-09	48
M Bleriot	Bleriot	60 h.p. E.N.V.	Rheims, Fr.	8-28-09	77
B Glenn H. Curtiss	Curtiss	50 h.p. Curtiss	Rheims, Fr.	8-29-09	47
M Alfred Leblanc	Bleriot	100 h.p. Gnome	Belmont Park	10-29-10	109
B C. Weymann	Nieuport	100 h.p. Gnome	Eastchurch, Eng.	7- 1-11	67.5
M Jules Vedrines	Deperdussin	100 h.p. Gnome	Chicago	9- 9-12	125
M Marcel Prevost	Deperdussin	100 h.p. Gnome	Rheims, Fr.	9-29-13	105
B Jean Casale	Spad	300 h.p. Hispano-Suiza	Villacoublay, Fr.	2-28-20	176.111
B De Romanet	Spad	300 h.p. Hispano-Suiza	Buc, Fr.	10- 9-20	283
B Sadi Lecointe	Nieuport	300 h.p. Hispano-Suiza	Buc, Fr.	10-10-20	181.93
B Sadi Lecointe	Nieuport	300 h.p. Hispano-Suiza	Villacoublay, Fr.	10-10-20	184
					296
					302
					302

## MISCELLANEOUS

## SPEED OVER A 100-KILOMETER COURSE (62.15 MILES)

Name	Airplane	Engine	Place	Time Min.	Time Sec.
B De Romanet	Spad	300 h.p. Hispano-Suiza	France	23	16 $\frac{1}{2}$
B Kirsch	Nieuport	300 h.p. Hispano-Suiza	France	22	18
B Sadi Lecointe	Nieuport	300 h.p. Hispano-Suiza	France	21	28

## SPEED OVER A 200-KILOMETER COURSE (124.30 MILES)

Name	Airplane	Engine	Place	Time Min.	Time Sec.
B Kirsch	Nieuport	300 h.p. Hispano-Suiza	Etampes, France	9-28-20	48
B De Romanet	Spad	300 h.p. Hispano-Suiza	Etampes, France	9-28-20	46
B Sadi Lecointe	Nieuport	300 h.p. Hispano-Suiza	Etampes, France	9-28-20	43

## RECORDS, ETC.

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SPEED OVER A 1000-KILOMETER COURSE (621.504 MILES)						
	Name	Airplane	Engine 2-260 h.p.	Place Villesauvage- la Marmagne, Fr.	Date 6-3/4-20	Hrs. Min. Sec. 10 19 46
B	Lucien Boussoutrot Jean Bernard Name	Farnan Goliath				

SPEED OVER A 1500-KILOMETER COURSE (932.356 MILES)						
	Name	Airplane	Engine 2-260 h.p.	Place Villesauvage- la Marmagne, Fr.	Date 6-3/4-20	Hrs. Min. Sec. 16 42 8
B	Lucien Boussoutrot Jean Bernard	Farnan Goliath				

## RECORDS OF USEFUL LOADS CARRIED

ALTITUDE						
	Name	Airplane	Load Hardley-Page 1500 kilos. W-8	Place Cricklewood, England	Date 5-4-20	Height Metres 4267
B	Capt. C. T. R. Hill					

## RECORDS OF USEFUL LOADS CARRIED

DURATION						
	Name	Airplane	Load Hardley-Page 1500 kilos. W-8	Place Cricklewood, England	Date 5-4-20	Time Hrs. Min. 1 20
B	Capt. C. T. R. Hill					

## REMARKABLE AERONAUTICAL PERFORMANCES

It is understood that efforts will be made, particularly in the case of American pilots, to have the performances between Aug. 1, 1914, and Jan. 6, 1920, homologated. Therefore certain notable ones listed below, although unofficial as yet, according to the latest data transmitted to the Manufacturers' Aircraft Association by the Federation Aeronautique Internationale, probably will be officially accepted during the year.

B indicates biplane

M indicates monoplane

T indicates triplane

1903

B Dec. 17

Orville Wright made first airplane flight at Kitty Hawk, N. C., in biplane designed by himself and brother Wilbur. The latter flew the machine again that day, demonstrating that the first flight by man in a mechanically propelled airplane was practical.

1908

B July 4

Glenn H. Curtiss won Scientific American trophy with the "June Bug," built by Aerial Experiment Association to design of Mr. Curtiss.

B Oct. 31

Farman made first cross-country flight, Chalons to Rheims, 16 miles, in 20 min. Rose 200 feet from course.

1909

M July 25

B Sept. 29

Bleriot crossed Channel, Calais to Dover, in 37 min. Wilbur Wright flew around Statue of Liberty, New York Harbor.

1910

B May 28

B Aug.

Sept. 23

1911

B Jan. 18

B Feb. 23

1912

B Jan. 10

1913

M Sept. 1

1914

B July

Curtiss made Albany-Governor's Island flight, 135.4 miles, in 2 hr. 32 min. First flight using river as guide. McCurdy received and sent wireless messages from airplane in flight, at Sheepshead Bay, N. Y.

Chavez made first flight over Alps.

Eugene Ely alighted on, and flew from deck of battleship at San Francisco.

Curtiss flew from land to water and from water to land, at San Diego, Cal.

R. C. Fowler flew across continent from Jacksonville, Fla., to San Francisco, 2,232 miles in 151 days. First transcontinental flight.

Pegoud made first voluntary loop.

Trials of the "America," Curtiss flying boat, built to attempt flight across Atlantic.

- 1916  
 B Apr. 26 Harry Hawker in Sopwith reached 24,408 feet.  
 B June Lieut. A. Marchal, flying Nieuport, covered 807 miles from Nancy, France, to Cholm, Poland.  
 B Nov. 19 Ruth Law flew from Chicago to Hornell, N. Y., 509 miles.
- 1917  
 B Aug. 29 Capt. Laureati, flying S.V.A., covered 920 miles from Turin to Naples and return.  
 B Sept. 24 Capt. Laureati, with one passenger in S.V.A. flew from Turin to London, 656½ miles.
- 1918  
 B Sept. 18 R. W. Schroeder in Bristol with 300 h.p. Wright motor climbed 28,900 feet.  
 B Nov. 12 Lieut. W. T. Campbell at Texas looped 151 times.  
 B Dec. 13-Jan. 16 Four-motored Handley-Page flew 6,500 miles from England to India.
- 1919  
 M Jan. 18 R. W. Schroeder in Loening, with one passenger, at Dayton, O., reached 16,000 feet. This monoplane was equipped with Wright motor.  
 M Jan. 24 Lieut. T. H. Joyce in Morane with 120 h.p. LeRhone motor looped 300 times at Issoudon.  
 B Jan. 26 Lieut. Roget and Capt. Coli piloted French Breguet across Mediterranean Sea, 457 Miles in 5 hrs.  
 B Feb. 12 Lt. B. W. Maynard in Sopwith with 160 h.p. Monosoupape motor looped 318 times at Romorantin.  
 B Feb. 21 Thomas-Morse Scout, equipped with 300 h.p. Wright motor, attained speed of 164 miles per hr. at Ithaca, N. Y.  
 B Apr. 16 Maj. T. C. Macauley, in D.H.-4, made round trip transcontinental flight in 44 hrs. 15 min. His terminals were San Diego, Cal., and Americus, Ga.  
 B April 19 Capt. E. F. White, piloting army D.H.-4, made first non-stop flight between Chicago and New York. Average speed of 106 miles per hr. for 727 miles.
- B Apr. 26 U. S. Naval F.-5-L flying boat equipped with two 400 h.p. Liberty motors, carrying crew of four, stayed in air 20 hrs. 19 min.
- B May 8-31 Comm. A. C. Read and crew of five in N.C.-4 flying boat with four 400 h.p. Liberty motors flew from Rockaway, L. I., to Plymouth, Eng., 4,116 miles. First flight across the Atlantic.
- B May 28 J. Casale in Spad with 300 h.p. Hispano-Suiza motor, reached 31,000 feet.
- B June 14-15 Capt. John Alcock and Sir A. W. Brown in Vickers-Vimy with 400 h.p. Rolls-Royce motor flew from St. Johns, N. F., to Clifden, Ireland, 1,936 miles without stop.
- B July 12 Taddioli, Swiss aviator, first flier to cross Alps in seaplane.
- B July 12 Lieut. C. C. Chauncey in Lepere attained altitude of 20,000 feet in night flight at Arcadia, Fla.

- 1919
- B July 16 Lieut. F. Brockpapa flew 950 miles, Rome to England, in 8 hrs. 30 min.
- B July 24-Nov. 9 Lieut. Col. R. L. Hartz and three passengers in Glenn L. Martin twin-400 h.p. Liberty motored bomber made round the rim flight of United States, 9,823 miles.
- T July 30 Roland Rohlfs in Curtiss "Wasp" equipped with 400 h.p. Curtiss K.-12 motor reached 30,700 feet at Mineola, L. I.
- B Aug. 2 R. W. Schroeder in Lepere with Liberty motor climbed 18,400 feet at speed estimated at 137 miles per hr.
- B Aug. 2 "Tex" Marshall in Thomas-Morse with 80 h.p. LeRhone motor, at Ithaca, N. Y., glided 35 miles.
- B Aug. 11 Farman Goliath carrying ten passengers made 1,116 miles, Paris to Morocco, in 16 hrs. 20 min.
- B Aug. 13 Thirteen army planes flew 4,000 miles through fifteen states to collect landing field and mapping data and stimulate recruiting.
- B Aug. 14 C. J. Zimmerman in Aeromarine model 40 flying boat, made first delivery of mail at sea. Dropped bag on deck of Adriatic 1½ hrs. after she left pier.
- B Sept. 6 R. W. Schroeder in Lepere with 400 h.p. Liberty motor reached 28,250 feet at McCook Field, Dayton, O.
- T Sept. 18 Roland Rohlfs in Curtiss "Wasp" equipped with 400 h.p. K.-12 motor reached 32,450 feet at Mineola, L. I.
- M Sept. 28 Caleb S. Bragg and one passenger in Loening equipped with 300 h.p. Wright motor reached 18,500 feet.
- B Oct. 8-30 Lieut. B. W. Maynard in D.H.-4 equipped with 400 h.p. Liberty motor flew from New York to San Francisco and return, 5,402 miles.
- B Oct. 24 Curtiss "Eagle," eight passenger aerial liner, and first American three-motored machine, made first public flight, Garden City, L. I., to Washington, D. C., and return. While in Washington ten days it made 82 flights and carried 476 people, mostly U. S. government and foreign government officials.
- B Oct. 27-Dec. 3 C. J. Zimmerman in Aeromarine flying boat flew from Keyport, N. J., to Havana and return, 2,842 miles.
- B Nov. 12-Dec. 19 Capt. Ross Smith in Vickers-Vimy equipped with 400 h.p. Rolls-Royce motor flew from London to Port Darwin, Australia, 11,500 miles.

#### REMARKABLE AIRSHIP PERFORMANCES

1917

Nov. 21-25

L.-59, German dirigible, flew from Jamboli, Bulgaria, to East Africa and return, 6,768 kilometers.

1919

May 14-15

U. S. Navy C.-5, Goodyear dirigible, equipped with two 125 h.p. Union motors, flew from Montauk Point, L. I., to St. Johns, N. F., 1,115 miles.

July 2-12

British dirigible R.-34, equipped with five 250 h.p. Sunbeam motors, flew from Great Britain to United States and return, 6,330 miles.

## GROUND COURSES AND FLYING SCHOOLS

The following colleges and universities offer practical or theoretical courses in aeronautics:

UNIVERSITY OF CALIFORNIA	Berkeley, Cal.
COLUMBIA UNIVERSITY	New York City
CULVER MILITARY ACADEMY	Culver, Ind.
GEORGIA INSTITUTE OF TECHNOLOGY	Atlanta, Ga.
UNIVERSITY OF ILLINOIS	Urbana, Ill.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Boston, Mass.
UNIVERSITY OF MICHIGAN	Ann Arbor, Mich.
LELAND STANFORD UNIVERSITY	Palo Alto, Cal.
UNIVERSITY OF WASHINGTON	Seattle, Wash.

Those desirous of taking actual flight instruction are advised to apply to the nearest member of the Manufacturers' Aircraft Association. Addresses may be found in the Industrial Section of the Appendix.

## AIRCRAFT EXPORTS

(From Bureau of Foreign and Domestic Commerce)

		1919			
		Airplanes	No.	Airplane parts	No.
		Value	\$	Value	\$
January	.....	.....	..	77,331	
February	2	15,000	..	329,129	
March	.....	.....	..	639,858	
April	.....	.....	..	999,874	
May	4	40,000	..	63,483	
June	4	28,700	..	967,345	
July	1	3,500	..	12,365	
August	.....	.....	..	3,973	
September	21	44,700	..	47,054	
October	3	23,000	..	30,871	
November	1	3,000	..	77,706	
December	8	59,100	..	237	
	—	—	—	—	—
	44	\$225,300	..	\$3,249,226	
		1920			
January	2	\$ 29,180	..	\$ 43,060	
February	3	44,000	..	6,494	
March	.....	.....	..	159,788	
April	3	10,214	..	53,651	
May	17	214,000	..	198,633	
June	4	28,700	..	9,443	
July	12	55,110	..	34,174	
August	.....	.....	..	2,120	
September	5	17,370	..	9,331	
October	10	147,600	..	6,811	