TRANS-ATLANTIC AIRSHIP FLIGHT

WELLMAN'S BALLOON

Has Two Engines. Each Capable of Propelling Craft Twenty

The following article on the Wellman trans-Atlantic air voyage appeared in a recent number of the Scientific American:

The envelope itself weighs over two It will not be necessary to determine tons, and is made up of two layers of the course of the vessel with any great silk and one layer of cotton gummed degree of accuracy, for it will not have with rubber, so that leakage

of hydrogen gas is reduced to a mini- The o Unlike the Zeppelin type, balloon itself is flexible, but the air- in Africa. ship is rendered rigid by attachment to a long car made up of steel tubing in the form of a truss of triangular cross section. This car has been entirely re- By Combining Surburban Districts built, and now measures 156 feet in length. The bottom chord of the struc-

ture is a steel tank 75 feet long, which is used for storage of gasoline.

The airship is provided with three gasoline engines, two of which are used for power purposes, while the third serves as a donkey engine. The power engines are rated at 80 to 90 horsetre of the car.

The engine shafts are disposed at as well as the local communities of right angles to the car, and each shaft Hodogaya, Okagawa, Koyasu and other suburban districts as to the advisa-bility or otherwise of combining them drives a pair of screws through the medium of bevel gearing. Unlike other with the city of Yokohama. It is reported that as the people in

airships of this type, no stabilizing planes are provided, and there is no sliding weight by which the airship the suburban districts will enjoy various privileges such as the increase of may be directed upward or downward. the police force, supply of waterworks Instead, the propellers of the after enhygienic and other arrangements as a gine are ingeniously mounted so as to result of the combination, though their taxes will be slightly increased, be capable of angular motion in a plane parallel with the car, and thus drive it there will be no serious objection to the proposal. When the combination is either upward or downward.

This mechanism is made possible by the use of miter gears between the power shaft and the propeller shaft, be increased to about 430,000. The propeller shaft journal is carried by a conical support projecting lateral-

ly from the car, and this conical support is itself capable of being revolved upon its axis by means of a worm gear operated by a hand wheel. As the propeller shaft is turned through an angle, the gear it carries is free to travel on the gear keyed to the power shaft. The forward propellers are 11 feet 8 inches in diameter and the after pair 10 feet 4 inches.

ten to twelve horse-power, is used for a variety of purpose. One of the most key engine shaft is geared in the power engines by means of clutches which automatically thrown out as soon

as the power engines are started. The donkey engine also serves to drive a blower, by means of which the balloonets may be filled with air to

keep the balloon inflated. There are

ORPHANAGE DESTROYED.

VICTORIA TIMES, FRIDAY, OCTOBER 14, 1910. engine is capable of driving the balloon at the rate of twenty miles an hour. The combined power of the engines will be but twenty-six miles per hour. It will, therefore, be more economication to the force when I was police commis-sioner. "Now, the mission to which Mother AN'S BALLOON OF FLEXIBLE TYPE Engines, Each Capable pelling Craft Twenty Miles an Hour INEBRIATES EIGHTY PER CENT HAVE **DEFECTIVE BRAINS** Short Term at Farm Home Under Proper Conditions Recomthis rate. Each engine consumes 1,000 pounds of gasoline per day, which means that 10,000 pounds, or five tons, of gasoline must be carried. About four tons can be stored in the steel tank forming the Date of the carried in the steel tank forming the steel tank base of the car. The remaining ton will be carried in what is known as an "equilibrator." referan: The start will be made from Attantic City, and the very shortest distance across is close to 3,000 miles, whereas no across is close to 3,000 miles, whereas no across is close to 3,000 miles, whereas no atrahip has as yet made a record of as the ordinary way to determine the be ordinary way to determine the be ordinary way to determine the belloon is much good y the Weilman expedition. The airship is not the same as the one with which the polar expedition. The airship is not the same as the swere undertaken. The balloon has were undertaken. The balloon has were undertaken. The balloon has were undertaken. The balloon has sy the determine the direction of the airship it would be necessary to the watter. To determine the direction of the airship it would be necessary to the airship it would be necessary to the watter. To determine the direction of the airship it would be necessary to the airship it would be necessary to the airship it would be necessary to the watter. To determine the direction of the airship it would be necessary to keep in touch with the watter, sy wing a lifting capacity of a bus with the watter, sy wing a lifting capacity of a bus with the watter, sy wing a lifting capacity of a bus with the watter, sy wing a lifting capacity of a bus with the with with sy with the watter, sy wing a lifting capacity of a bus with the watter, sy wing a lifting capacity of a bus with the with the watter, sy wing a lifting capacity of a bus with the watter, sy wing a lifting capacity of a bus with the with the watter, sy wing a lifting capacity of a bus lifting capacity of a bus with the watter, sy watter, a bus lifting capacity of a the and land anywhere in Europe, or even dental discharge of his gun, a 30-30 cidental.

> **RECOVERING BODIES OF** VICTIMS OF DISASTER

Remains of Forty-Eight Men Have Been Found in Mine in

Colorado (Times Leaned Wire.)

Starkville, Colo., Oct. 13 .- Twenty-

Asks For Investigation.

asked Governor Shafroth to investigate the Starkville mine disaster in which

gence in ancestral lines this class from the institution as a useful memlacks a certain vigor and spirit which ber of society." make them more hopeless. In prison, in general, where usually a large nur

crimes as the result of drink, the large quantity of water drunk by this class, given either as a medi to assuage thirst, generally has the effect of promoting recovery in a

of the day, that is, by making elim-ination through hydropathic mea-

sures the great remedy; and when to this are added occupation, regular diet, and some diversions, training the inebriate to a better condition of

Asks For Investigation. Denver, Colo., Oct. 13.—The lower house of the state legislature to-day asked Governor Shafroth to investigate tion, of discharge. by the city council and were not contion of discharge. veyed to the school board.

ebriety, the results have been all that could be desired whilst they were in prison. They become more cheerful and seem to think that their imprison-LADIES GIVE BANG LADIES GIVE BANQUET ient was the best thing which coul have happened to them. Repeatedly they give evidence of having made good Enjoyable Affair Last Evening resolutions for the future and of an in-tention to change their methods of liv-Was Very Largely Ating when released. Inebriates who have been addicted to alcoholic indultended gence for years previous to their com-mission of a crime and have been sent (From Thursday's Daily). The recently organized Young Lato prison have had very seldom any specific treatment recommended for dies' Club of Knox church gave a most McGuigan for Winners Registers their condition, and no case of delirium enjoyable banquet in the church last evening. The tables were very prettremens has been recorded. "The inebriate is a drunkard and tily decorated with autumn foliage and laden with home-made cookery drunkenness is alcoholism. When a laden with home-made cookery which man cannot stop drinking he is a was greatly appreciated by their drunkard, or when a person finds that he cannot conduct himself soberly Miss Miss McLaren, the president, presided, and on either side of her sat the honorary president of the club, Mrs. normal to his time, then he is a Wm. Gleason, and Rev. Joseph Mcunder the social conditions which are the paim to Canada and the women of Playing the senior student approach ber of criminals are confined for ARRANGING DETAILS OF NEW HIGH SCHOOL SITE large proportion of cases by simply following the most advanced science Agreement With the School Board (From Thursday's Daily). For the purpose of submitting the agreement between the school board and the city council in connection with club at her home once a fortnight, by either side at any time. The teams depths of the Colorado Fuel & Iron Company's mine here, according to a report reaching the surface this after-noon. The bodies are reported to have been found in a tunnel three miles ORPHANAGE DESTROYED.San Francisco, Cal., Oct. 13.—Four
hundred children escaped in their
nightclothes from the fire which de-
stroyed the Mount St. Joseph orphan
few minutes was a mass of fiames. The
feach marshalling her particular chargesosen found in a tunnel three miles
clent in institutions of detention of
that a cure is scarcely possible.clent in institutions of detention for
that a cure is scarcely possible.attended last evening's meeting of the
board on behalf of the council.together of young girls for mutual
help and improvement, along religions.
that school. J. C. Barnacle of the Uni-
together of young friends to suld help her
young friends to build memory bridges
he had been a member of the commit-
te eappointed to draft an agreement
which as the sphyxitation caused by af-
terdamp.inter-school game this season goes to
that school. J. C. Barnacle of the Uni-
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proved, in that time, it is safe to sal
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proved in that time, it is safe to sal
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an imagine, a most discouraging and
feed form asphyxitation caused by af-
terdamp.inter-school game this season goes to
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tendent to the school, in the strength of the council.MischoolIt is now believed certain that a
score of victims at least were not klil-
be the school, but
id efform asphyxitation caused by af-
terdamp.It is now believed certain that a
score of victims at least were not klil-
be the school of th haft. The forward propellers are in leet 8 inches in diameter and the after pair 10 feet 4 inches. The donkey engine, which is rated at a variety of purpose. One of the most interesting of these is the office of cranking the power engines. The don-key engine shaft is geared in the power engines by means of clutches which

FIRST INTER-SCHOOL RUGBY MATCH PLAYED Only Score of Game One Min. ute Before Time The first of the annual Rugby games between the High School and the Uni versity School teams took place at the University ground yesterday afternoo and resulted in a win for the University

UNIVERSITY 3

ity team by one try, which was scored "The King," R. G. Howell, responded by McGuigan less than sixty sec before the end of the game. the only score made during the mate the High School fielding this year team that, is far better able to co with the University team than that o last year. Playing the senior student aggrega

having a try put across in the last f ds was hard luck for the Hig School, but against High School winning players had McGuigan, member of the Victoria Rugby cl

members of the club would always take a broad outlook on life and know what was going on in the world. She hoped also that wherever a member of the Knox Young Ladies' Club was found to control to co

found, she would represent all that was three-quarters have very little idea of best and purest in womanhood. She formation and concerted action. This ended by congratulating the club on can easily be overcome with practice. its entrance into new and wider fields In one of the attacks of the Uniand recommended that in their course of study they should not neglect Rus-touch down but was forced over over the kin's Sesame and Lillies. "Our Mothers," proposed by Miss Jackson and responded to by Mrs. Howell, and "Our Society," proposed which followed but failed to negotiate.

by Miss McGinnes, and fittingly 're-sponded to by Mrs. W. Gleason, the almost got the necessary to open their organizer and honorary president, score, but timely play by the Univers-brought the toast list to a close. From the general

Mrs. Sexsmith of First Presbyterian Touhy church; Mr. Kinnard, Mrs. Ruther Warnacker Halves ...Forwards ... Thorsen Betterton Woodward

coholic thirst is so strong that nothing short of prolonged detention could give had been settled, and all that was enjoyable evening to a close. Sprinkling

WANT NORMAL ESQUIMALT DISTRICT

SCHOOL HERE

Wade

Beach

Rand

Devin

Arbuthnot



It wa

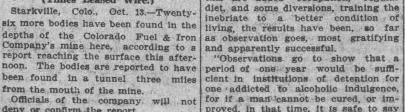
lown at its inception was the gestion made to the city coun last night's meeting by Mayor M The mayor referred only briefly matter which he brought up in co tion with a resolution moved by Fullerton to the effect that the should look into the advisabili ecuring more park space befo price of available property for uses becomes prohibitive. The c adopted Ald. Fullerton's reso with the added provision that parks committee should conside election of an expert to deal lans for civic beautification of a prehensive character. Ald. Fullerton's resolution, as duced, was that the parks comm should investigate the availabilit lands suitably situated for park

poses and report on the probabl of the same. The alderman sai the city was growing rapidly and parks would be necessary very He thought the city should take by the forelock and secure such perty as it might require for this cose before the price of real estate eached a prohibitive figure. Mayor Morley, while supporting

Fullerton's resolution, thought th council should consider a comp sive and continuous scheme of beautification along the lines down by Henry Vivian, M. P., peech recently delivered in thi It was not sufficient for the city cure pieces of property here and for park purposes. Some steps e taken to secure expert advi the guidance of the parks comm planning a broader scheme of ration

After a brief discussion the assed Ald. Fullerton's resolution ing that the parks committee c securing expert advice on the introduced by the mayor.

Strenuous objection on the Fire Chief Davis to the erect permanent awnings in the who district induced the council to two applications for permits, on Simon Leiser and another from Rithet & Company. The app pointed out that these awnings e used for the protection of handise during wet weather. Chief Davis said that he was s ly opposed to awnings of a pern character. They made the task of ing a fire more difficult than m the aldermen probably understo was impossible to raise ladder safety when such obstructions encountered and he did not thin any more should be permitted. letter from the police comm ers stated that the sale of ciga and sweep-stake tickets to mir alleged in a letter to the coun een investigated. The board h covered that it was not a genera tice on the part of tobacco cigarettes to boys under age a was possible that



KNIGHTS OF COLUMBUS

of them forward and two aft, all Pays a Tribute to Work of Ron at least 30, and possibly 60 miners lost tion establishments of great importmight he found from time to Trustee McNeill questioned whether regards the sweep-stake ticke their lives. The governor also was asked to investigate conditions in the third of all cases of inebriates the use third of all cases of inebriates the use fed from a common duct. Each bal-Catholic Mission in loonet, however, is provided with its board found that it was impos (Continued from page 1.) Africa nors to secure them except own individual valve, so that the disof alcohol is a symptom of some brain defect, either congenital or acquired, province of Ontario the school boards Finance the Sewerage Colorado fields generally. tribution of weight (for air in this case a second party. Project The report was received and fil is ballast) can be controlled and the ship be kept on an even keel. SALVATION ARMY CONGRESS. and as crimes are often the earliest held all lands which were set aside for plant has not come up to the require-Peoria, Ill., Oct. 13 .- President Roosecopy will be sent to the comp manifestation of the mental derange- school purposes, and that he had orig A request from the detective ment that better accommode ments of the school board. The rudder at the rear of the car Annual Meeting Will Be Held at Vanvelt came up from the south into Il-Ridgway-Wilson was selected to ment of which the drinking is only a inally drafted the by-law to the effect (From Thursday's Daily). consists of three vertical planes. The linois yesterday, denounced corrupt couver and New Westminster symptom, establishments for the de-tention of the criminal inebriates have ments for the Spring Ridge site as by prepare plans and specifications for the found for that section of the cit lice force was laid on the tab At a largely attended meeting of the central plane is broader than the other This Month. residents of Esquimalt, held in the extension of the Victoria West school. central plane is broader than the other two, which are set back a few feets back a few feet two, which are set back a few feet so legislators and commended work which market building is vacated V. & S. railway when the count er increased office space he fire and police departments Repairs to the leaky reserv mith's hill may yet be made ing to the plans and estimate In consequence of ill health Commis-sioner Coombs has been compelled to tention. city engineer. The Pacific Coa struction Company has notified weighs less than a thousand pounds, ligious tolerance. weighs less than a thousand pounds, being constructed of layers of ma-hogany veneer and canvas. It is pro-vided with two water-tight compart-ments fore and aft, and is a self-bail-ing boat. The boat will be plentifully stocked with provisions, so that in case of ac-cident to the airship the crew may take to it until picked up by a passing vessel. The boat is provided with to cut the balloon open for a sudden descent, it may be done by means of a means of a correspondence I once had. Of a correspondence I once that. Of these meetings. The commissioner is good men who are narrow without be-ing good, and one of these good nar-vow men, a Protestant clergyman, ing that I had received the Cardinal, jury mast and sall. If it be necessary to cut the balloon open for a sudden descent, it may be done by means of a means of a correspondence I and received the Cardinal, jury mast and sall. If it be necessary ing that I had received the Cardinal, bodies of German Lutherans and Weish meeting on Tuesday evening next to to consult with J. A. Mohun of the of his wife and that in view of the circumstances he be given leave of abprovincial public works department hat, while it had offered to m consider the agreement. sence until December 31." This carregarding these. big tank watertight for \$3,000. The districts will be as follows: Head ried unan now undertake the work of MINING IN THE LARDEAUN J. W. H. King, of the Boys Central street and neighborhood. Constance a pressure of business. It was Vancouver, Oct. 13.-Messrs. O. B. N. Vilkie, B. C. L. S. Newton W. Em. defer further consideration Vancouver, Oct. 13.—Messrs. O. B. N. Wilkie, B. C. L. S., Newton W. Em-mons, E. M., A. M. Craig, J. C. Murray and Robert Madden, from the Trout Lake district, are all Vancouver visitors. The primary object of their visitors. The primary object of their visitors the interesting of capital in various projects which they have in hand. "The Lardeau country," Mr. Murray said, "will soon come into its own. Its immense riches cannot help but in time attract the necessary capital for tis development. The day of the Wild Catter is over, and what work is now being done is along legitimate business innes. The high cash prices hitherto matter until the streets co meeting next Friday. Ald. Ban ho conveyed the information cil of the company's unwil do the work, suggested that descent, it may be done by means of a just as for instance I had received bodies of German Lutherans and Weish the balloon, and at one end carries an receive the Archbishen of German Lutherans of Canterburge and north as far as Alaska. ould be called for on the " pay" system or, as an alte that the city engineer be allo the balloon, and at one end carries an receive the Archbishop of Canterbury, anchor-shaped knife. carry out the repairs. The special series of meetings in Van-couver will finish with gathers in the Vancouver opera house Sunday after-noon and evening October 30th spilepsy in a drinker, and fully 30 A letter was received from th anchor-shaped knife. When this rope is pulled, either of the points of the anchor-shaped knife dig into the envelope, ripping it open. As soon as one seam is cut the strain As soon as one seam is cut the strain George Society suggesting the council should not donate a site noon and evening, October 30th per cent. of epileptics have alcoholic ould lease one. While th Colonel Pugmire is the territorial soparents. cial secretary of Canada. Associated As soon as one seam is cut the strain will be sufficient to part the other seams as well. The boat is suspended on self-releasing hooks, so that by slashing a rope it may be released in-would last a very long time, and that "Institutions for the detention of cial secretary of Canada. Associated with him will be Major Morris, Major Phillips, Staff Capt. Wakefield, and other leading officers. DEVICE TROL TO PROJECT TO PRO uld be merely nominal at th the property would be greatly in value with the growth of The letter further suggested hailed with much applause and the three committees appointed will use rounding the Moss Street school, his munity from taxation migh the wreiess telestraph apparatus of the expedition will be located in the forward compartment of the life-boat taken from a storage battery charged by a small dynamo driven by the doat ta catholic president would by a small dynamo driven by the boat. The surface and binom ission and the free chiefs convention for the ear and the boat. In adding the free of the statement is telephonic communication between the equator. These in a possible for the equator. There sume do the proparate to the equator. There is equator. There is near the senter the equator. There is equal to be in the near this equator. There is equator. There is equal to force it first the equator. There is equator. There is equal to be adding thereto the promise to make good food, regular hours, healthing is the mater of the expedition the mater is telephonic communication between problem was that of food, as the est. The experiment. She head of the religious the formation the sheare of the equator. There is the far and the boat is the tenting the sheare is the far and the boat. The religion handed down by the provements of the enting is targed wither the can hander down by the provements of the religious the far and the boat. There is the far and the boat is the religion handed down by the provement if it did, there would be many presi-PRINCETON FIRE BRIGADE. After many years of study and obser-vation in connection with this importowed and, in this connection that it appeared advisable city to exempt all improvement taxation which policy had been an advantageous one whereve communication was filed. A grant to the waterfront 1 foot of Queen's avenue, ove there has been considerable dis tween the Taylor Mill Comp the Lemon & Gonnason comp garding the leases granted t cerns by the city, was recei e provincial government. of accident to the balloon. In the present expedition the food problem is there are short but duck passage of the first lighting of course is to the short of the barloon, and to effect this the barloon make the dire main contrest is the short but of the same the merican mission was the time and to effect this the barloon and to effect this the barloon, and to effect this the barloon, and to effect this the barloon the for a general reduction of rates and how for Mother Paul promptly gave to the angle in the ford a specified system in the line world is the short of the course is in the line world is the specified system. The first lighting rod in the world is the specified system. The first lighting rod in the world is the worl report from the sanitary i nending the demolition old building behind the Grand Broad street and another. the Hudson's Bay Company, at ner of Fort and Langley street. The first-named ich is owned by Miss Parsh ediately as on of time granted to th has expired. The Hudson's B pany will be allowed an exte avor Morley brought up