

commissioned by the 2003 illuminations festival

Wright Flight

Perusal Score
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Lawrence Dillon

image: three men on a sand dune

Moderato ♩ = 80

The score is for a piece titled "Wright Flight" by Lawrence Dillon, commissioned for the 2003 Illuminations Festival. It is a perusal score, meaning it is for preview purposes only and should not be copied. The tempo is Moderato, marked with a quarter note equal to 80 beats per minute. The score is arranged for a full orchestra, including woodwinds (Flute, Oboe, Clarinet in Bb, Bassoon), brass (Horn in F, Trumpet in C), percussion (Timp, Tngl), keyboard, and strings (Violin I, Violin II, Viola, Cello, Double Bass). The woodwinds and strings have prominent melodic lines, while the brass and percussion provide harmonic support. The score is divided into two systems, each with a tempo marking. The first system includes parts for Flute, Oboe, Clarinet in Bb, Bassoon, Horn in F, Trumpet in C, Percussion, and Keyboard. The second system includes parts for Violin I, Violin II, Viola, Cello, and Double Bass. The score is written in 4/4 time and features a variety of dynamics, including piano (p), forte (f), mezzo-forte (mf), mezzo-piano (mp), and fortissimo (sfz). The woodwinds and strings play a recurring melodic motif, while the brass and percussion provide harmonic support. The keyboard part features a series of chords and a melodic line. The string parts are divided into Violin I, Violin II, Viola, Cello, and Double Bass. The Double Bass part features a series of chords and a melodic line. The score is a perusal score, meaning it is for preview purposes only and should not be copied.

Flute

Oboe

Clarinet in Bb

Bassoon

Horn in F

Trumpet in C

Percussion

Keyboard

Violin I

Violin II

Viola

Cello

Double Bass

Moderato ♩ = 80

5

Fl. *p* *mp*

Ob. *p* *mp*

B♭ Cl. *p*

Bsn. *f*

C Tpt.

Perc *p*

Kbd 6 7

Vln. I *mp*

Vln. II

Vla.

Vc. *f*

D.B. *f*

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image: gradual zoom back to reveal a glider far overhead

Perusal Score

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17

Fl.

B♭ Cl.

Bsn.

Hn.

Daniels

B

light on Daniels comes up slowly

CUE

You can't imagine what it was like. You've seen countless flying machines lift up into the sky. You've felt the ground recede below, the pitch and sway of turbulence, you've seen the cotton clouds billowing beneath you. But you never saw what I saw.

Vln. I

Vln. II

Vla.

Vc.

D.B.

- 5 -

25

L'istesso tempo (♩ = 40)

Fl.

Ob.

B♭ Cl.

Bsn.

C Tpt.

Daniels

CUE

December 17, 1903. I was there. I saw it happen. You have to understand: we knew it was impossible. Every schoolchild knew it. “Man wasn’t meant to fly.” It couldn’t be done. For thousands of years, we looked up at the sky, studied the birds, gazed at the stars. But in all that time, not one human being had broken the spell, not one lucky dreamer had lifted himself from the clutch of gravity, not one solitary soul had cut the cord that binds us to this loving mother earth!

L'istesso tempo (♩ = 40)

Vln. I

Vln. II

Vla.

Vc.

D.B.

34 C *Allegretto* ♩ = 104 *Wilbur and Orville ride up to the stage on a tandem bicycle*

Bsn.

Kbd.

Daniels	The truth is, man was meant to <u>walk</u> .	Then a couple of Yankees come down from Ohio. We all thought they were a little light in the head, if you know what I mean, wearing those funny hats and stiff collars.
---------	--	---

Violin I

Violin II

Viola

Violoncello/Bass

Allegretto $\text{♩} = 104$

senza sord

mf

pizz

mf

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40

Bsn.

Kbd

The image shows a musical score for a Bsn. (Bassoon) and Kbd. (Keyboard) duo. The Bsn. part is written in bass clef, and the Kbd. part is written in treble and bass clefs. The score consists of a single system with a key signature of one sharp (F#) and a common time signature (C). The Bsn. part begins with a quarter rest, followed by a series of eighth and sixteenth notes, and ends with a quarter rest. The Kbd. part begins with a quarter rest, followed by a series of eighth and sixteenth notes, and ends with a quarter rest. The score is marked with a '40' in a circle at the beginning.

Daniels	They introduced themselves, and as I was shaking their hands I remember thinking, “Wilbur and Orville, what kind of peculiar names are those?” But they kept coming back here, over and over and over again, for four years, and as time wore on, they won my respect. They were
---------	--

Violin I

Violin II

Viola

Violoncello

Double Bass

moderato

mf

moderato

moderato

moderato

45

Bsn.

Kbd

Daniels

tenacious! They had decided they were going to fly, and Wilbur and Orville. they stuck with that idea like pecan pie sticks to your ribs! They did it. And after what I saw them do, I figured it wouldn't be long before everybody was naming their sons Wilbur and Orville! But I should let them tell you about it in their own words.

Vln. I

Vln. II

Vla.

Vc.

D.B.

50

B♭ Cl.

Wilbur

Orville

From the time we were little my brother Orville and I lived together, played together, worked together and, in fact, thought together.

Our first interest began when we were children. Father brought home a small toy actuated by a rubber spring which would

Vln. I

Vln. II

Vla.

Vc.

D.B.

- 8 -

54

B♭ Cl.

Wilbur

We usually owned all of our toys in common, talked over our thoughts and aspirations so that nearly everything that was done in our lives was the result of

Orville

lift itself into the air.

Vln. I

Vln. II

Vla.

Vc.

D.B.

58

D

Fl.

Bsn.

Wilbur

conversations, suggestions and discussions between us.

Orville

We built a number of copies of this toy, which flew successfully. But when we undertook to build the toy on a much larger scale it failed to work so well. The reason for this was not understood by us at the

Vln. I

Vln. II

Vla.

Vc.

D.B.

62

Fl.

Bsn.

C Tpt.

Wilbur

Orville

Vln. I

Vln. II

Vla.

Vc.

D.B.

straight mute

p

senza sord

p

senza sord

p

We were lucky enough to grow up in an environment where there was always much encouragement to children to pursue intellectual interests, to investigate whatever aroused curiosity.

time, so we finally abandoned the experiments.

In 1896 we read of the

66

Fl.

C Tpt.

Orville

Vln. I

Vln. II

Vla.

Vc.

D.B.

experiments of Otto Lilienthal, who was making some

gliding flights from the top of a small hill in Germany. His

death a few months later while making a glide increased our interest in the subject, and

we began looking for books pertaining to

p

pp

senza sord

[illegible]

CUE

Wilbur	Dear Sir. For some years I have been afflicted with the belief that flight is	possible to man. My disease has increased in severity and I feel that it will soon cost me an increased amount of money -- if not my	Life.
--------	---	--	-------

Orville	<u>flight.</u>
---------	----------------

E

Moderato

Vln. I

Vln. II

Vla.

Ve.

D.B.

75

Fl. *mp*

Ob. *mf*

B♭ Cl. *pp* *mp* *pp* *mf*

Bsn. *pp* *mp* *pp* *mf*

Hn. *pp* *mp* *pp* *mf*

Perc Toms *pp* *mp* *pp* *mf* *pp*

Kbd *9*

CUE *awed sotto voce*

Daniels You can't imagine what it was like for us. We knew it couldn't be done! It couldn't be done!
We *knew* it was impossible!

Vln. I *pp* *mp* *pp* *mf*

Vln. II *mp* *pp* *mf*

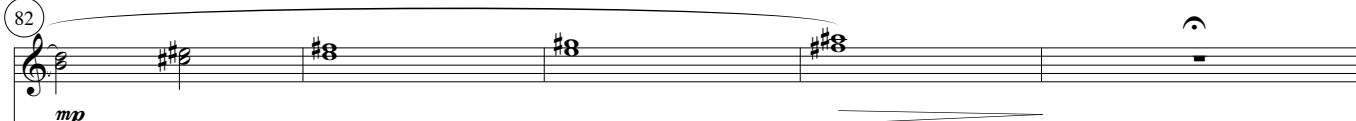
Vla. *senza sord* *mp* *pp* *mf*

Vc. *pp* *mp* *pp* *mf*

D.B. *arco* *pp* *mp* *pp* *mf*

82

Ob.



mp

Daniels

“The problem is too great
for one man alone.” But
two men -- *two* men solved
it -- on a remote strip of sand
dunes we called Kill Devil Hills.

Wilbur

CUE

I make no secret of my plans, for I believe no financial profit will accrue to the inventor of the first
flying machine. The problem is too great for one man alone and unaided to solve in secret.

Vln. I



Vln. II



Vla.



Vc.



pp

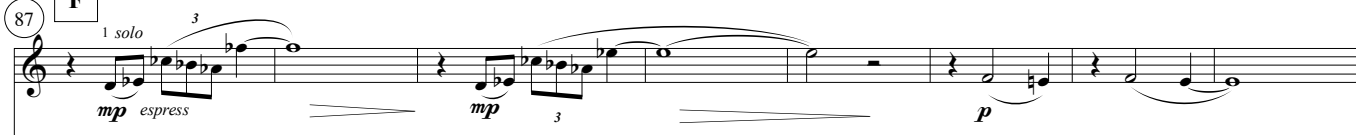
D.B.



pp

87

B♭ Cl.

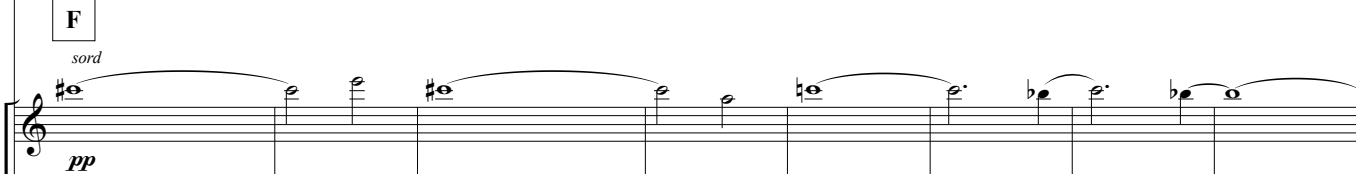


mp *espress* *mp* *p*

Wilbur

Dear Father: I am intending to start in a few days for a trip to the coast of North Carolina in the vicinity of Roanoke Island,
for the purpose of making some experiments with a flying machine. It is my belief that flight is possible and while I am
taking up the investigation for pleasure rather than profit, I think there is a slight possibility of achieving fame and fortune
from it. I am certain I can reach a point much in advance of any previous workers in this

Vln. I



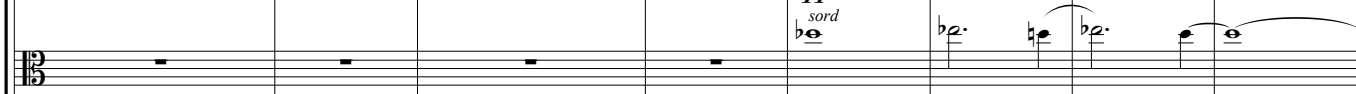
sord *pp*

Vln. II



sord

Vla.

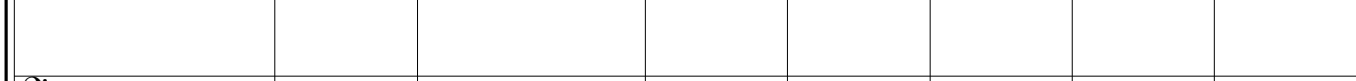


sord *pp*

Vc.



D.B.



95

Allegretto

1

image: life station crew

B♭ Cl.

Bsn.

They arrived the first time in September 1900, two bicycle mechanics on the 36-hour boat ride from Elizabeth City. I was working at the local Life Saving Station. That’s me, John T. Daniels, on the right. You can see what a handsome young fellow I was.

Allegretto

pizz

senza sord

arco

pizz

Vln. I

Vln. II

Vla.

Vc.

D.B.

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101

Moderato

B♭ Cl.

Bsn.

Daniels

We were just coming ashore from one of our practice sessions when these two strangers turned up in the boathouse. They said they were looking for wind, to help lift their machines. I told ‘em, Yeah, we got wind. They said they were looking for sand, to provide a cushion for their falls. I told ‘em, Yeah, we got sand. Wind and sand. I didn’t tell ‘em that was pretty much all we got!

Moderato

arco

p sub

arco

p sub

arco

Vln. I

Vln. II

Vla.

Vc.

D.B.

G

109

Ob.

B♭ Cl.

Orville

Dear Katharine: We came down here for wind and sand, and we have got them. We are living nearly the whole time on reduced rations. No one down here has any regular milk. The poor cows have such a hard time scraping up a living that they don't have any time for making it. You never saw such poor pitiable-looking creatures as the horses, hogs and cows are down here.

G

Vln. I

Vln. II

Vla.

Vc.

D.B.

116

Ob.

B♭ Cl.

Bsn.

Orville

We have appointed the Kitty Hawk storekeeper our agent to buy us anything he can get hold of, in any quantities he can get, in the line of fish, eggs, wild geese or ducks. Unfortunately, the economics of this place were so nicely balanced before our arrival that everybody here could live and yet nothing be wasted. Our presence brought disaster to the whole arrangement. We, having more money than the natives, have been able to buy up the whole egg product of the town and about all the canned goods in the store. I fear some of them will have to suffer as a result.

Vln. I

Vln. II

Vla.

Vc.

D.B.

122

Daniels

No, we didn't have much in the way of money or supplies. What we had plenty of here was hospitality, Southern style. That and Nature, in all of her wondrous glory.

Score for measures 122-123:

- Vln. I
- Vln. II
- Vla.
- Vc.
- D.B.

Measure 122 includes a *pp* marking.

123 H

Ob.

B♭ Cl.

Bsn.

C Tpt.

Orville

This is a great country for fishing and hunting. The fish are so thick you see dozens of them whenever you look down into the water. At any time we look out the tent door we can see an eagle flapping its way over head, buzzards by the dozen soaring over the hills and bay, hen hawks making a raid on nearby chicken yards, or a fish hawk hovering over the bay. Looking off the other way to the sea, waves, and the little sea chickens hopping about, as on one foot, on the beach, picking up the small animals washed in by the surf.

H

Score for measures 124-128:

- Vln. I
- Vln. II
- Vla.
- Vc.
- D.B.

Measure 128 includes a *sord* marking.

129

Fl. *mp solo*

Ob. *p*

B♭ Cl. *p*

Bsn. *p*

Hn. *p*

C Tpt. *p*

Orville

Vln. I *p*

Vln. II *p*

Vla. *pp*

Vc. *pp*

D.B. *pp* *sord*

A mockingbird lives in a tree that overhangs our tent, and sings to us the whole day long. It is very tame, and perches on the highest bough of the tree and calls us up every morning. I think he crows up especially early after every big storm to see whether we are still here. We often think of him in the night, when the wind is shaking the top and sides of the tent till they sound like thunder, and wonder how he is faring and whether his nest can stand the storm.

134

Fl. *pp* 2. to picc. *pp*

Ob. *pp* *pp*

Bs. Cl. *pp* *pp* *p*

Bsn. *pp* *pp*

Hn. *p* *sord*

C Tpt. *p*

Orville	The sunsets here are the prettiest I have ever seen. The skies light up in all colors in the background, with deep blue clouds of various shapes fringed with gold before. The moon rises in much the same style, and lights up this pile of sand almost like day. I read my watch at all hours on moonless nights without the aid of any other light than that of the stars shining on the canvas of the tent.
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Violins I and II, Viola, Violoncello, and Double Bass. The score is in 4/4 time and consists of 12 measures. The first four measures are marked *p* (piano) and the last four measures are marked *pp* (pianissimo). The key signature has one sharp (F#). The Violins I and II parts play a melodic line, while the Viola, Violoncello, and Double Bass parts play a harmonic line. The score is for a rehearsal mark.

142

CUE

Daniels

Orville

Dear Katherine:

Vln. I

Vln. II

Vla.

Vc.

D.B.

J

143 *Allegro* ♩ = 120

Fl.

Ob.

B♭ Cl.

Bsn.

mp

mp

Orville

A swarm of mosquitoes came in a mighty cloud Thursday afternoon, almost darkening the sun. This was the beginning of the most miserable existence your brothers have ever passed through.

J

Allegro ♩ = 120
senza sord

Vln. I

Vln. II

Vla.

Vc.

D.B.

mp

pp

mp

pp

mp

148

Fl.

Ob.

B♭ Cl.

Bsn.

Orville

The agonies of typhoid fever are nothing in comparison! But there was no escape. The sand and grass and trees and hills and everything was fairly covered with them.

Vln. I

Vln. II

Vla.

Vc.

D.B.

[illegible]

156

Fl.

Ob.

Perc

Orville

Vln. I

Vln. II

Vla.

Vc.

D.B.

bed, which we did a little after six. We put our cots out under the awnings and wrapped up in our blankets with only our noses protruding from the folds, thus exposing the least possible surface to attack. Alas! Here nature's complicity in the conspiracy against us became evident. The

162

Ob.

Perc

Orville

Vln. I

Vln. II

Vla.

Vc.

D.B.

wind, which until now had been blowing over twenty miles an hour, dropped off entirely. Our blankets then became unbearable. The perspiration would roll off of us in torrents. We would partly uncover and the mosquitoes would swoop down upon us in vast multitudes. We would make a retire behind our blankets.

166

K

Picc.



ff 3 p ff

Fl.



ff 3 p ff

Ob.



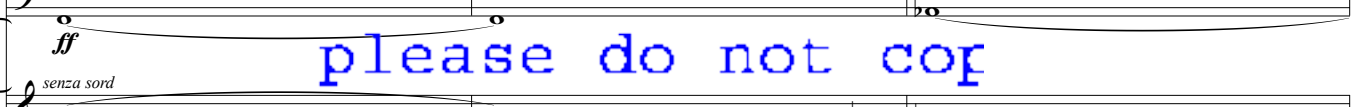
ff

B♭ Cl.



ff a2

Bsn.



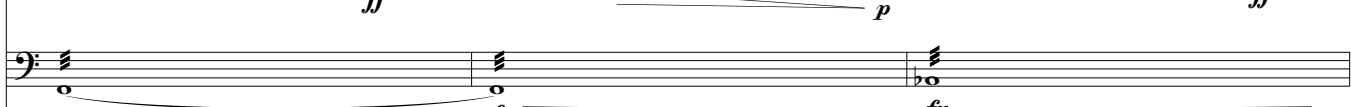
ff

Hr.



senza sord ff

C Tpt.



a2 ff 3 p ff

Perc.



fp f fp

Kbd



ff 6 6 6 6 6 6 6 6 6 6 6 6

Orville

crying out
Misery! Misery!

Vln. I



ord ff

Vln. II



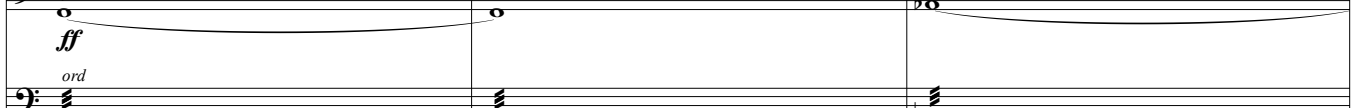
ord ff

Vla.



ord ff

Vc.



ord ff

D.B.



ord ff

169

to flute

3

p

3

p

1

f

1

f

3

p

f

p

sfz

6

6

6

6

6

*

Orville

The half can never be told. We passed the next ten hours in a state of hopeless desperation.

poco rit

mp

mp

fp

fp

fp

fp

- 23 -

175

a tempo

Fl.

Ob.

B♭ Cl.

Bsn.

1

mp

mp

mp

p

mp

Orville

The next night we constructed mosquito frames and nets over our cots, thinking in our childish error we could fix the bloody beasts. We put our

cots out on the sand twenty or thirty feet from the tent and house, and crawled in under the netting and bedclothes, and lay there on our backs

a tempo

Vln. I

Vln. II

Vla.

Vc.

D.B.

181

1

Ob.

B♭ Cl.

Bsn.

mp

mp

mp

Orville

smiling at the way in which we had got the best of them. The tops of the canopies were covered with mosquitoes till there was hardly standing room for another one; the buzzing was

Vln. I

Vln. II

Vla.

Vc.

D.B.

pizz

mp

pizz

mp

pizz

mp

pizz

mp

pizz

mp

arco

mp

arco

mp

arco

mp

187

B^b Cl.

Bsn.

Perc

Orville

like the buzzing of a mighty buzz saw. But what was our astonishment when in a few minutes we heard a terrific slap and a

slapstick
mf

cry from Mr. Huffaker announcing that the enemy had gained the outer works and he was engaged in a hand-to-hand conflict with them. All our forces were put to complete rout. In our desperate attacks on the advancing foe our

Vln. I

Vln. II

Vla.

Vc.

D.B.

pont
fp
mp
p
mp

pont
fp
mp
p
mp

pont
fp
mp
p
mp

pizz
mp

mp

[illegible]

Orville	<u>fortifications</u> were almost entirely torn down, and in desperation, we fled from them, rushing all about the sand for several hundred feet around trying to find some place of
---------	---

safety. But it was of no use. We again took refuge in our blankets with the same results as in the previous

This was surely the fate of the first settlers on the Lost Colony on Roanoke -- they must have been devoured by mosquitoes!

198

slapstick

Perc

Kbd

Daniels

Fortunately, mosquitoes are fickle creatures: once they’ve had their way with you, they lose interest, and move onto ravage some other unlucky folk.

Vln. I

Vln. II

Vla.

Vc.

D.B.

L

Moderato

199

Kbd

Wilbur

Afternoon spent on kite tests. Found lift of machine much less than tables would indicate, reaching only about a third as much. Found that machine at 100 pounds would not glide at 3 degrees or 4 degrees on wind of less than about 23 to 25 miles per hour. Tried flying machine as kite at edge of slope of one in one-and-a-half and induced it to fly in front of rope with strong upward pull.

L

Moderato

Vln. I

Vln. II

Vla.

Vc.

D.B.

206

Kbd

Daniels

Wilbur

The days were filled with tiny discoveries that brought them ever closer to their goal. But with each advance came discouraging setbacks.

Tried same experiment with man on with similar result. Center of pressure evidently traveling backward with decrease in angle.

Vln. I

Vln. II

Vla.

Vc.

D.B.

[illegible]

[illegible]

220

Ob.

mp *espress*

Hn.

p

1

Wilbur

If you are looking for perfect safety, you will do well to sit on a fence and watch the birds, but if you really wish to learn you must mount a machine and become acquainted with its tricks by actual trial. A thousand glides is equivalent to about four hours of steady practice, far too little to give anyone a complete mastery of the art of flying.

Vln. I

Vln. II

Vla.

Vc.

D.B.

They had to learn the ways of the wind,
the forces that would lift the wings up,
the ones that would push them down.
They came back over and over again
for four years, with new

charts and tables of weights and measures,
new wing shapes, new launching methods.
I can't tell you how many times I helped
them drag one of their contraptions up to
the top of Big Kill Devil Hill, only to see
the wind catch it, spin it away and

dash it into the sand. But every time
one of those things got smashed to
bits, they'd immediately set themselves
to figuring out why and building
another one.

Allegretto moderato 4/4 96

232

Fl.

Ob.

B♭ Cl.

Bsn.

Hn.

C Tpt.

Perc

Kbd

Daniels

Wilbur

stage whisper
p *mp*

The sur-fa-ces the sur-fa-ces!

stage whisper
p *mp*

The sur-fa-ces the sur-fa-ces!

stage whisper
p *mp*

The sur-fa-ces the sur-fa-ces!

stage whisper
p *mp*

The sur-fa-ces the sur-fa-ces!

stage whisper
p *mp*

The sur-fa-ces the sur-fa-ces!

Lg. Susp Cym snare stick, on the bell

p *mp*

mf

Hoo-hoo, those Wright brothers loved machinery! They talked about their gliders like schoolboys mooning over their first sweethearts!

animated

The pat-tern is a dou-ble deck ma-chine hav-ing two sur-fac-es

Allegretto moderato 4/4 96

Vln. I

Vln. II

Vla.

Vc.

D.B.

p

p stage whisper
p *mp*

The sur-fa-ces the sur-fa-ces!

stage whisper
p *mp*

The sur-fa-ces the sur-fa-ces!

stage whisper
p *mp*

The sur-fa-ces the sur-fa-ces!

[illegible]

246

Fl. *sim*
The sur-fa-ces the sur-fa-ces!

Ob. *sim*
The sur-fa-ces the sur-fa-ces!

Bs. Cl. *stage whisper p mp*
The sur-fa-ces the sur-fa-ces! *p*

Bsn. *sim*
The sur-fa-ces the sur-fa-ces!

Hn. *sim*
The sur-fa-ces the sur-fa-ces!

C Tpt. *sim*
The sur-fa-ces the sur-fa-ces!

Perc *p mp*

Kbd

Wilbur
six-teen pounds. The cur-va-ture The cur-va-ture The in-di-ca-tions were that it would glide

Orville
The cur-va-ture The cur-va-ture The cur-va-ture is a-bout one in twen-ty-five.

Vln. I

Vln. II

Vla. *sim*
The sur-fa-ces the sur-fa-ces!

Vc. *sim*
The sur-fa-ces the sur-fa-ces!

D.B. *sim*
The sur-fa-ces the sur-fa-ces!

249

B♭ Cl.

Perc

Kbd

Wilbur

Orville

on an an-gle of a-bout se-ven de-grees to se-ven-and-a-half de-grees to se-ven and a

It would glide! on an an-gle of a-bout Se-ven de-grees to se-ven-and-a-half de-grees

252

Fl. *sim*
The sur - fa - ces the sur - fa - ces!

Ob. *sim*
The sur - fa - ces the sur - fa - ces!

B♭ Cl.

Bsn. *sim*
The sur - fa - ces the sur - fa - ces!

Hn. *sim*
The sur - fa - ces the sur - fa - ces!

C Tpt. *sim*
The sur - fa - ces the sur - fa - ces!

Perc
mp *p*

Kbd

Wilbur
half the drift drift drift The pat - tern. The in - di -

Orville
the drift The drift drift is on - ly a - bout one - eighth of the weight. The weight

Vln. I *p*

Vln. II *p*

Vla. *sim*
The sur - fa - ces the sur - fa - ces!

Vc. *sim*
The sur - fa - ces the sur - fa - ces!

D.B. *sim*
The sur - fa - ces the sur - fa - ces!

[illegible]

257

Fl.
sur - fa - ces the sur - fa - ces the sur - fa - ces!

Ob.
sur - fa - ces the sur - fa - ces the sur - fa - ces!

B^b Cl.
sur - fa - ces the sur - fa - ces the sur - fa - ces!

Bsn.
sur - fa - ces the sur - fa - ces the sur - fa - ces!

Hn.
sur - fa - ces the sur - fa - ces the sur - fa - ces!

C Tpt.
sur - fa - ces the sur - fa - ces the sur - fa - ces!

Perc
mp

Kbd
f

Daniels
Easy, boys.

Wilbur
cur - va - ture the sur - fa - ces the cur - va - ture the sur - fa - ces the CUR---VA---TURE!

Orville
sur - fac - es the cur - va - ture the sur - fac - es the cur - va - ture the CUR---VA---TURE!

Vln. I
sfz

Vln. II
sfz

Vla.
sur - fa - ces the sur - fa - ces the sur - fa - ces!
sfz

Vc.
sur - fa - ces the sur - fa - ces the sur - fa - ces!
sfz

D.B.
sur - fa - ces the sur - fa - ces the sur - fa - ces!
sfz

Bit by bit, they increased the duration and control of their glider flights until, in 1903, they were ready to take the final step: adding an engine.

N

Moderato

Musical score for Kbd (Keyboard). The score is in 2/4 time, marked *Moderato* and *mp* (mezzo-piano). It consists of six measures. The first measure starts at measure 260 and contains a chord of G4, Bb4, and D5 in the right hand, and a half note G3 in the left hand. The second measure is a whole rest. The third measure contains a chord of G4, Bb4, and D5 in the right hand, and a half note G3 in the left hand. The fourth measure is a whole rest. The fifth measure contains a chord of G4, Bb4, and D5 in the right hand, and a half note G3 in the left hand. The sixth measure is a whole rest.

There was only one problem: these boys were bicycle mechanics, they didn't know a thing about building engines! They wrote to several automobile companies, but none would help. Finally they turned to Charlie Taylor, a mechanic in their bicycle shop. Charlie designed and built the first airplane engine in history. It was also the first -- and last -- engine Charlie Taylor ever designed. He hand-tooled the crankshaft on a

N

Moderato

Musical score for Vln. I, Vln. II, Vla., Vc., and D.B. (Double Bass). The score is in 2/4 time, marked *Moderato*. It consists of six measures. The first measure contains a whole rest for all instruments. The second measure contains a whole rest for all instruments. The third measure contains a whole rest for all instruments. The fourth measure contains a whole rest for all instruments. The fifth measure contains a whole rest for all instruments. The sixth measure contains a whole rest for all instruments.

image: engine

266 Sm. Susp. Cym. BD

Perc

p *mp* *mp* *p* *mf* *mp* *p* *mf* *p* *mp* *mp* *p* *f*

Daniels

bicycle lathe. It had no cooling system. There was no carburetor. The raw gas was just dumped into the cylinders. It was louder than a hurricane, spit gasoline all over the wings and the pilot, and had barely enough horsepower to drag the flyer up into the thick ocean air!

Vln. I

Vln. II

Vla.

Vc.

D.B.

274

Daniels

In the immortal words of Charlie Taylor himself, “It weren’t much of an engine.” In fact, just between you and me, it was mighty close to being a good-sized bomb.

Vln. I

Vln. II

Vla.

Vc.

D.B.

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P

275

Andantino ♩ = 69

Fl.

B♭ Cl.

Hn.

mp *espress*

mp *espress*

p

p *mp*

Wilbur

Orville

We reached camp Friday noon, having come over from Manteo in a small gasoline launch, with all the equipment needed to build our new machine in tow.

When we arrived, the conditions for gliding were so fine that we took the old machine out of the hangar we built last year and spent the finest day we have ever had in practice.

P

Andantino ♩ = 69

Vln. I

Vln. II

Vla.

Vc.

D.B.

p

p *(with Vn. I)*

p

p

287

Fl.

B♭ Cl.

Bsn.

Hn.

Perc

Kbd

Daniels

propellers broke clean off their shafts. New ones had to be ordered from the shop in Ohio. After a couple weeks, when the new propellers arrived, the stormy weather returned. When the skies cleared, the frame supporting the tail got cracked.

Vln. I

Vln. II

Vla.

Vc.

D.B.

291

Fl.

B♭ Cl.

Bsn.

Hn.

Perc

Kbd

Daniels

Then more storms. For three months, they waited out on those dunes for the weather and machinery to cooperate.

CUE

Finally, on a clear, windy December morning, me and my buddies at the Life Station got the signal that they were ready to test the new flyer. We rushed over to help them drag all 750

Vln. I

Vln. II

Vla.

Vc.

D.B.

298

Fl. *pp* *mp* *pp*

Ob. *mp*

B♭ Cl. *pp* *mp* *pp*

Bsn. *mp* *pp*

Perc

Daniels pounds of it up the hill, a quarter mile away. They flipped a coin, and Orville was chosen to pilot the first flight. Before he did, he set up his camera on a tripod. He handed me the shutter, and told me to pull it just as the plane took off. At 10:35 a.m. he climbed on board, and they rolled the plane down the track. The engine was making such an infernal racket some of the boys who were hanging around to see what was going on hightailed it for home for fear of getting blown to pieces.

Vln. I *p* *mp* *pp* *p*

Vln. II *p* *pp* *mp* *p* *pp*

Vla. *pp* *p* *pp*

Vc. *pp* *mp* *pp*

D.B. *pp* *mp* *pp*

306

Ob. *pp*

Hn. *mp*

Daniels I stood as still as a sand crab, watching closely, holding the shutter, waiting for the right moment. Then it came: Wilbur let go of the wing, and the machine and Orville lifted up off the ground, and I was so stunned, I fell over backward, let go of the shutter, and just stared with my mouth wide open like I had seen a ghost!

Vln. I *mp* *pp* *mp* *mf* *p*

Vln. II *mp* *mp* *pp* *mf* *p*

Vla. *mp* *pp* *mf* *p*

Vc. *mp* *pp* *mf* *p*

D.B. *mp* *pp* *mf* *p*

312 *image: first flight*

Fl. *p* *mp espress*

Ob. *p* *mp espress*

B♭ Cl. *p* *mp espress*

Hn. *mp espress* *pp*

C Tpt. *mp espress* *pp*

Daniels I'd never taken a photograph before, so I wasn't even sure if I had taken one this time. But when they developed the plate later on, there it was, a miracle: the first airplane lifting off the ground.

Vln. I *pp*

Vln. II *pp*

Vla. *pp*

Vc. *pp*

D.B. *pp*

317

Bsn. *f*

Hn. *f*

Perc *f*

Daniels That's Wilbur, off to the right: he's just let go of the wing. And Orville, can you see him? *grandest sight of my life.* There in the middle of the plane? That's exactly what I saw. As God is my witness, that plane flew over a hundred feet, and it was the

Vln. I *pp*

Vln. II *pp*

Vla. *pp*

Vc. *pp*

D.B. *pp*

323 R

Fl. *p* *f* *p*

Ob. *f* *p*

B♭ Cl. *f* *p*

Bsn. *p* *f*

Hn. *f* *p*

C Tpt. *f* *p*

Perc *fp* *f* *p*

Kbd *f*

Vln. I *f* *p*

Vln. II *sf* *p*

Vla. *sf* *p*

Vc. *sf* *p*

D.B. *sf* *p* *f*

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327

Fl. *f* 6

Ob. *f* 3 3

B $\flat$ Cl. *f*

Bsn.

Hn. *f* 3 3 3 6 *f*

C Tpt. *f* 3

Perc. *fp* *f* *p* *fp* < *f*

Kbd. *f* 7 7 7 *f*

Vln. I *f* 6 3

Vln. II *f* 5 3 3

Vla. *f* 5 3

Vc.

D.B.

330

Picc. *f* ³

Fl. *f* ³

Ob. *fp* *fp* *fp*

B♭ Cl. *fp* *fp* *fp* *mf*

Bsn. *fp* *fp* *f* *fp* *f* ⁵ *f* ⁵ *f* ⁵

Hn. *fp* ³ *fp* ³ *fp* ³

C Tpt. *fp* *fp* *fp* *f*

Perc. Tngl. *f* Susp Cym. *p*

Kbd

Vln. I ³ ³ ³ *mf*

Vln. II *fp* *fp* *fp* *mf*

Vla. *fp* *fp* *fp* *mf*

Vc. *fp* *fp* *f* *fp* *f* ⁵ *f* ⁵ *f* ⁵

D.B. *fp* *fp* *f* *fp*

image: men on sand dune tipping caps to glider overhead

333 S

Picc. *ff* 3 3 3 3

Fl. *ff* 3 3 3 3

Ob. *ff* a2

B♭ Cl. *ff marcato* a2

Bsn. *ff marcato*

Hn. *ff marcato*

C Tpt. *ff marcato*

Perc *f* Sm. Susp. Cym. *p* *f*

Kbd *ff*

Vln. I S *ff* 3 3 3 3

Vln. II *ff* 3 3 3 3

Vla. *ff marcato*

Vc. *ff marcato*

D.B. *ff marcato*

336

Picc.

Fl.

Ob.

B $\natural$ Cl.

Bsn.

Hn.

C Tpt.

Perc

Susp Cym

p *f*

Kbd

Vln. I

Vln. II

Vla.

Vc.

D.B.

338

Picc.

Fl.

Ob.

B♭ Cl.

Bsn.

Hn.

C Tpt.

Perc

Kbd

Vln. I

Vln. II

Vla.

Vc.

D.B.

Perusal Score
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340

Picc.

ff

dim

Fl.

ff

dim

Ob.

dim

B $\flat$ Cl.

dim

Bsn.

dim

Hn.

dim

C Tpt.

dim

Perc

pp

mp

Kbd

dim

Vln. I

ff

dim

Vln. II

ff

dim

Vla.

dim

Vc.

dim

D.B.

dim

342

Picc. *p*

Fl. *p*

Ob. *p*

Bsn. *p* *pp*

Kbd *mf* *p*

Vln. I *div* *p* *pp*

Vln. II *p* *pp*

Vla. *p* *pp*

Vc. *p* *pp*

D.B. *p* *pp*

345

T

Fl.

Ob.

Bsn.

Perc

Kbd

wind chimes

Tngl

mp

p

p dolce

p dolce

p

Daniels

When he landed, we all ran over and jumped up and down congratulating him. Then it was Wilbur's turn. He flew the plane even further, then Orville took another try, then Wilbur again, each time staying up longer, and flying farther. The fourth flight, with Wilbur, lasted so long he was just a distant speck when he finally came down.

T

Vln. I

Vln. II

Vla.

Vc.

D.B.

sord

pp

353

B♭ Cl.

Kbd

p espress

mp

Daniels

Four flights. After the fourth flight, we were in complete jubilation, shaking our heads, shaking hands, laughing, dreaming of the possibilities for the future.

Orville

Father: Success. Four flights Thursday morning, all against twenty-one mile wind. Started from level with engine power alone. Average speed through air: thirty-one miles. Inform Press. Home for Christmas.

This is an invention which will make further was practically

360

Perc

wind chimes

p

Kbd

Daniels

Orville

impossible!

Vln. I

pp

Vln. II

sord

pp

sord

Vla.

pp

sord

Vc.

pp

D.B.

365

Perc

wind chimes

mp

Daniels

work get away, so I flipped and rolled hill, cracked and splintering, with me tangled up in the chains. Seven
hung on for dear life. down the propeller and hundred and
The machine

Vln. I

mp

Vln. II

mp

Vla.

mp

Vc.

mp

D.B.

sord

pp

371

Daniels

fifty pounds of machinery falling
to pieces all around me, knocking
me about and

rolling me over and over like a rat in a barrel full of tin cans!

Finally we come to rest in a
heap of wood, metal, fabric
and human

Score for Vln. I, Vln. II, Vla., Vc., and D.B. (Double Bass).

Measures 371-374:

- Vln. I: *pp* to *mf* (first two measures), then *sf* (third measure), then *f* (fourth measure).
- Vln. II: *pp* to *mf* (first two measures), then *sf* (third measure), then *f* (fourth measure).
- Vla.: *pp* to *mf* (first two measures), then *f* (third measure), then *f* (fourth measure).
- Vc.: *pp* to *mf* (first two measures), then *fp* (third measure), then *f* (fourth measure).
- D.B.: *pp* to *mf* (first two measures), then *fp* (third measure), then *f* (fourth measure).

375

Fl.

Ob.

Daniels

being...I was the human being of course, or what was left of me. I was so dizzy, I think I was talking gibberish for a few minutes.

Score for Vln. I, Vln. II, Vla., Vc., and D.B. (Double Bass).

Measures 375-378:

- Vln. I: *mp* (first measure), then *f* (second measure), then *f* (third measure), then *f* (fourth measure).
- Vln. II: *mp* (first measure), then *f* (second measure), then *f* (third measure), then *f* (fourth measure).
- Vla.: *mp* (first measure), then *f* (second measure), then *f* (third measure), then *f* (fourth measure).
- Vc.: *mp* (first measure), then *f* (second measure), then *f* (third measure), then *f* (fourth measure).
- D.B.: *mp* (first measure), then *f* (second measure), then *f* (third measure), then *f* (fourth measure).

379

B♭ Cl.

p *mf*

Daniels

It was a miracle I escaped with just a few minor bumps and bruises! But I knew I had something precious to go with my pain: I had a great tale to tell my grandchildren. I would gather them round years later and say, “Boys and girls, did you know your grandpop made the *fifth* flight in the Wright Brothers’ flying machine?”

Vln. I

Vln. II

Vla.

Vc.

D.B.

mf *p*

Perusal Score
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381

V

Ob.

p dolce

B♭ Cl.

p

Bsn.

p

Hn.

p

C Tpt.

p

1 straight mute

Daniels

Wilbur

Orville

The Press was informed, but like I said before, none of us really had believed it was possible. A few scattered newspapers carried the story, but most ignored it, assuming it was just more crazy claims from folks with a few marbles missing. The brothers returned home for

Father. Success.

Inform Press. Home for Christmas.

Father.

Success. Inform Press.

Home for Christmas.

V

Vln. I

Vln. II

Vla.

Vc.

D.B.

tutti *p* *p*

390

Ob.

B♭ Cl.

Bsn.

Hn.

p

p

p

p

Daniels

Christmas, and we went on with our lives, trying to convince anyone who would listen of what they had done. Wilbur and Orville wrote repeatedly to the folks in Washington, hoping to interest the government in their invention. But they got no response. It was five years before anyone took notice, five years before they received an offer of any kind. Then the French government started showing interest, which made the folks in Washington prick up their ears and make an offer of their own. Soon the whole world knew that Wilbur and Orville Wright had done something mighty

Vln. I

Vln. II

Vla.

Vc.

D.B.

p dolce

p

p

p

p

398

Fl.

Bsn.

W

mp

solo

dolce

3

Daniels

special. Now you might think the inventors of the airplane would've made a heap of money and spent the rest of their days taking it easy. But somehow, life's not so simple.

Wilbur

For a while now most of my time has been taken up with lawsuits. I am hoping to be freed from this kind of work before another year has ended. It is much more pleasant to go to Kitty Hawk for experiments than to worry over lawsuits. We had hoped to sell our invention to governments for enough money to satisfy our needs and then devote

Vln. I

Vln. II

Vla.

Vc.

D.B.

W

Fl.

406

espress

Wilbur

our time to science, but the jealousy of certain persons blocked this plan, and compelled us to rely on our patents and commercial exploitation. We wished to be free from business cares so that we could give all our time to advancing the science and art of aviation, but we have been compelled to spend our time on business matters instead during the past few years. When we think what we might have

accomplished if we had been able to devote this time to experiments, we feel very sad, but it is always easier to deal with things than with men, and no one can direct his life entirely as he would choose.

Vln. I

Vln. II

Vla.

Vc.

D.B.

Fl.

414

spotlight on Wilbur fades

Daniels

A few months after writing those words, Wilbur Wright died of typhoid fever, never having had the pleasure of returning to Kitty Hawk for more soaring flights across the dunes. Orville lived another 36 years, although he stopped flying long before.

Orville

Actually, I got more thrill out of flying before I had ever been in the air at all... while lying in bed thinking how exciting it would be to fly.

Vln. I

Vln. II

Vla.

Vc.

D.B.

spotlight on Orville fades

421

Fl.

B♭ Cl.

Bsn.

Daniels

But ladies and gentlemen, it was my privilege to witness the first successful flight of an airplane. It was the grandest sight of my

espress

life. When Columbus discovered America he could not have known what the outcome would be, and no one at that time could have caught a glimpse of what really did come from his discovery. Likewise,

Vln. I

Vln. II

Vla.

Vc.

D.B.

p

p

p

p

p

p

p

p

425

B♭ Cl.

Bsn.

Hn.

Daniels

these two brothers could not have had even a faint glimpse of what their discovery was going to bring to later generations. No one who was there could have given a guess along this line, any more than any one living could have

figured the final outcome of Columbus's experiment when he pushed off through the trackless waters. They thought they had invented an end to all wars, but their true legacy was something less, and something more. As for me, I've seen more amazing things in my lifetime than I ever could have

Vln. I

Vln. II

Vla.

Vc.

D.B.

p

p

p

p

p

p

p

p

Daniels

dreamed. Sixty-six years after that first flight, I sat in the living room with my grandchildren, watching as Neil Armstrong landed Apollo 11 on the

moon. You know what Mr. Armstrong had with him as he took that first giant

Score for Violins I and II, Viola, and Double Bass.

Violin I (Vln. I): *p*

Violin II (Vln. II): *p*

Viola (Vla.): *p*

Double Bass (D.B.): *p*

Violoncello (Vc.): *p*

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X

Score for Oboe, Bassoon, Horns, Trumpets, and Percussion.

Oboe (Ob.): *f*

Bassoon (Bsn.): *f*

Horn (Hn.): *p* (1 solo), *fp*, *mf*

Trumpet (C Tpt.): *p* (1 solo), *fp*, *mf*

Percussion (Perc.): *mf* (Tngl)

Daniels

step? Some of the original fabric from the plane I helped launch on that bitter cold December day, on Kill Devil Hill.

X

Score for Violins I and II, Viola, and Double Bass.

Violin I (Vln. I): *p*, *f*

Violin II (Vln. II): *p*, *f*

Viola (Vla.): *f*

Double Bass (D.B.): *f*

Violoncello (Vc.): *f*

