

① Remember the action and the effect of the north-south
turning lines.

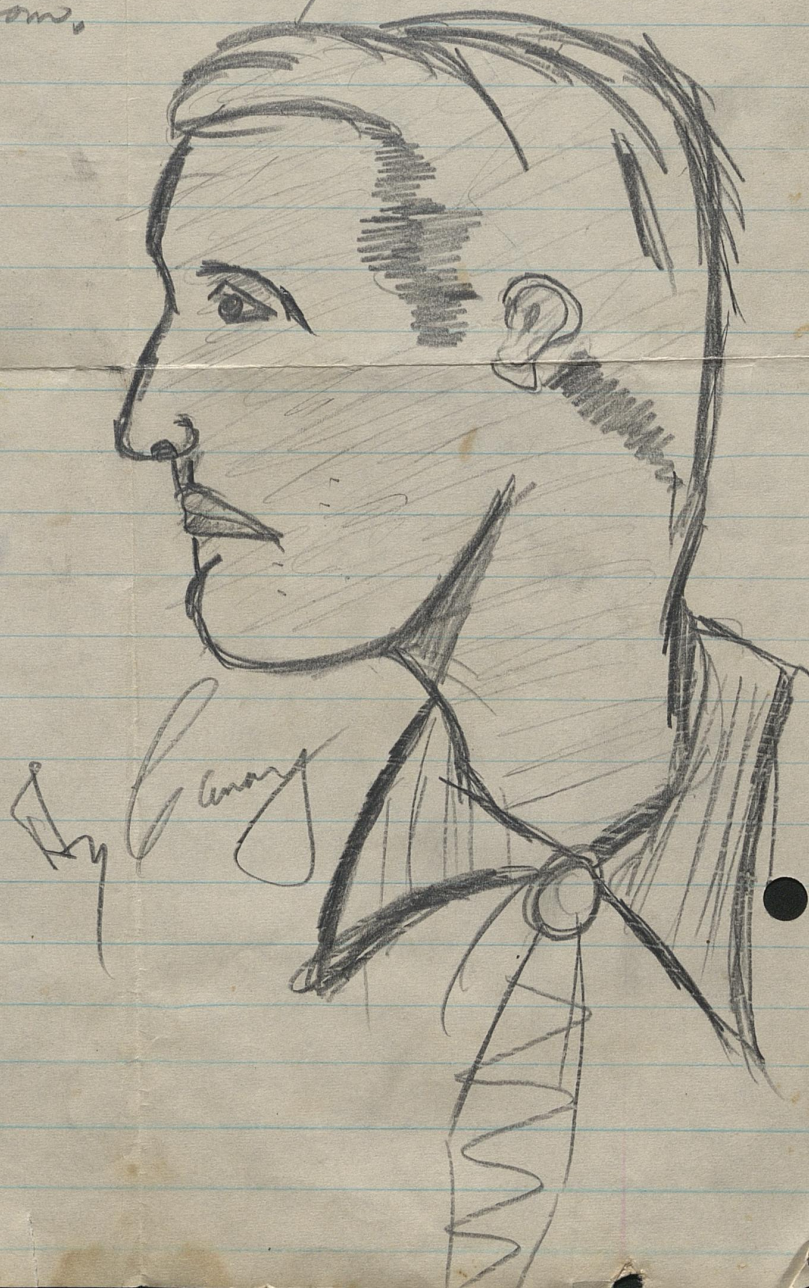
② Metal parts of an airplane have some
magnet attractions so that affects the magnetic north
and most readings. When an airplane is headed
apparently along the magnetic meridian
that is magnetic north, the direction of the
engine is pointed in the same direction as the
earth's magnetic force and there would be no
error in the indication of magnetic north. But
when an plane is headed or turned to the left the
attraction of the engine is not at 90 to the earth's
magnetic force, resulting in a deflection of the
needle to the left of magnetic north, when the
is headed in the opp. direction a deflection of the
needle to the right results. ~~that~~



X

(2) Where are, Compensating magnets placed in a compass

In some types of compasses, compensating magnets are placed in fore, aft and athwartship poles in cylindrical attachment to the bottom.



1944



Season's

GREETINGS



from
the

ETO

8th Air Force Insignia



Some Siney came
around with em
today.



Your Soldier
Husband
Sonny

Save a seat for
me - I'll be there in
10/15!

Army Air Base
Sioux City, Iowa

Monday Night

Dear Dearest!

I've missed you so damn much tonight and I don't know how to let it and it when you leave Iowa. I sure wish that you weren't going but you have made up your mind. Just remember this. I love you more than anything in the whole damn world and it grows more and more each second.

Thanks for all of the wonderful fun times that we have had together and I'm looking forward to many more. I'll see you again in a few more weeks. I have only three more weeks with you and let's make use of each one.

I'll give this to Maria to give to you. The PX is about to close up now so I'll have to rush down these notes this. I love you and want you. I hope that you love me as much as I love you. I wish that you could stay until the last minute.

John Herland

Sunny

Dear Peanuts .

You old sweet thing. I recieved a swell letter from you this afternoon and in it was two bucks. You are too good to me and I love you so dam much, adore you also. What do you mean by drinking so dam much beer and Beraggw- forgetting to write mw last Sat. nite a week a ago. I write you every nite and have a chance to go to the show or hang around with the gang but I would write to you for it makes me feel much more closer to you. As you know that I don't have much time to my self and have to make use of every second that I can, and I use all of my free time writting to you, You have all day to write mw in and I have only a few minutes each day to write you , but I'm not mad at you or anything for I love you too much , and want you. Honey I want you to have all of the fun that you can have and your letters sound as if you are haveing fun going down to the Gables. I sure do wish that I could be with you and could have fun too. All that I do is work and study so I can make a furture for us, and to make more money for us by getting ahead in the army, by winning some strips. Honey, I am so glad that you will get your money June 1 and I thought that it would be another month. So we will be all set when I am moved next week. Peanuts, be prepared to come to me in a very short time. Or I will come home on a funlough instead. It will be in about two and a half weeks before I know what we will do to send for you. Just as soon as I get to where ever I go , I'll find out and will wire you what to do. This time we are really going to be together so be ready for one thing or the other. I am praying that I'll get to come home to you and then you can go back with me. Well I better get on with my typing work and then when I am through I'll write some more.

Honey, you are the only thing that I think about and want in this world. You are just too wonderful for words, I wish that I could put on paper how I feel about you. I can show you in two weeks when you are with me again. I can't think of anything else but being with you and to be able to love you again.

They say that the air mail is just over crowed and that they are sending some of the mail by trains. I suppose that is the reason that my mail is so dam late sometimes from you or else the army does it. Peanuts, you have no idea of how much that I love you and want you. I can't hardly wait until we are together again and can love like demend- deems- mad people . We have an awful lot of love to catch up on. Honey, just think, we will be together in about two and a half weeks. So you better be ready for a lot of love making and prepared for another trip. Do you think that you can stand a trip again. This time it won't be so far. Well I better get back on my work again. Just remember that I love you and am waiting for your return.

Your Lonesome Husband
Sonny

XX
ZXX
XX

May 1943

Dear Peanuts,

Tonite will be the last time that I can type you a letter for some time. This is our last nite of typing and the last day of school. The Co said that we have a hell of a good chance to go to the place that we requested. So I will go to Tenn. if all goes well and works out. I love you so dam much and want you more than anything in this world. The Captain also that we have a dam good chance to get about 70 days of furlough coming to us before we go over the pond; that is if we are assigned to a combat squadron. They won't give the 70 days all at once but in periods of 15 days or so. So you see, I'll get a lot of time off with you and we can have one hell of a good time. So you better be prepared for a awful lot of love making. He also said that you have a lot of spare time in your outfit and can do as you want. The best news of all is that you can live off of the post if you are married. So you see this is a dam good deal for us in all ways. This war may be over before it is time to go out into combat and even at that I may never have to go. If I see that I will, I'll get back into the cadets or something else. I don't want to go back to them right now for I wouldn't have as much time with you and couldn't live off of the post with you.

So you see we are going to have a lot of time together and can love as much as we want to. Also that you can get ratings fast and I'll be made a corporal or a sgt in a few weeks or less. We can use the extra pay. Honey, I am satisfied with this deal and think that it is the best one in this dam army. All that I care about is being able to be with you as much as possible. I love you so dam much and can never be able to get enough of you as long as I live. I didn't get any mail from you or Mom today. I'll get a couple in the morning. I hope that you get my mail each day and that you are posted on all of the things that I am doing or about to do. Has John arrived as of yet? I hope that your sister gives him the air and takes up with Raul instead. That jerk wrote to me today and I only met him once over at your house.

How is Sisie and all of her man trouble? Every one sure does catch on to her in a hurry and drops her like a hot rock. I never did think much of her for I told you about tales I heard about her before I met you. You are the best little wife that a man ever had and no one can compare with you in any way. I love you for all of the wonderful things about you. You can cook, you are beautiful, you have a lovely body full of curves and charms, You are a all around little wife and most of all, you love me and are my wife. No kidding, no one can touch you in the slightest way. I know a good thing when I see it and that is the reason that I married you. I knew the nite that I met you that you were the gal that I wanted to marry and as you can plainly see, that I did. I am an awful lucky guy and they don't call me Lucky for nothing. I only hope that I can take care of you in the way that you should be taken care of. I can offer you a lot of good times and happiness and just loads of love. I know that is what you want and that is what you will get.

I am giving Gerald, Chris, and Dick your address so they can get in touch with me when we all are moved. The three of them are going to Kansas if it is possible. They want me to go too but I want to get as close to home as I can get for you know why. (namley YOU) All that I care about in this world is you and can't wait until I am with you. I have a feeling and know that You love me as much as I love you and that you want me too. (I can't understand why you want me for I ain't so much as any fool can plainley see) I think that I'll celebrate tonite by going to a show or drink a beer. At last this dam torture will
Over

Beginning at left front: girl at extreme left - my sister Edna, youngest in family: boy just in her rear - Ottis Colwell who she afterwards married. They now and have lived in Tucson for a long time. Passing up the small children who are all neighbors and kinfolk, we come to my sister Nancy Ann, the tall girl standing and also the girl in her rear is my sister Amanda's daughter. On outside right was my brother Lewis' wife. Beginning again at left standing on ground you can see my dad's head. On the porch second one, left, top, is brother Lewis, next going right, sister Amanda holding one of her babies; next sitting on porch eyes shaded is my mother; close around is some of the grand children, and outside sitting and holding a baby was my wife (former wife) and my daughter (the baby) - Opal. At your left close to them is my little son Lester. Standing above on right of the post first is Aunt Lucy, mother's sister. Next is my sister Stella, on outside is her sister-in-law. Standing against porch on ground is my brother Elmer's little girl leaning against my mother is brother Curtis' little son, with the striped shirt.

Now this was made one fine Christmas day around forty years past. Several in this group have long ago deceased. For this reason I treasure it very dearly and glad to pass it on to you for what it may be worth, gratis from me. This is the very old log structure you lodged in. Group was taken possibly before that time but not very long. Now I have a number of old snaps which if ever I get to visit you might be of interest. I sent little Curtis' portrait by Miss Farrington. I copied the group at the clinic but it turned out poorly.

Sat Feb
Lincoln Neb.

Dear Parents!

Angel, please excuse this awful Cum
writing but this is the best that I can do. I am on guard
duty tonight on the plane and I'm writing this in the sick
compartment on our ship. We are now in Lincoln and
arrived here about 4:30 this afternoon. This is some Cum
place and is about the same size as Hessler field. It
is strictly to in all ways and is back to the old army
routine of getting up at 6 am each morning etc. We shall
be here about a week or so. So you can now see this address
that I gave you. All that I can say is that I love you more
than you know. Even out here in the damn cold with a
is around 10 pm now and we had a briefing at 7 pm till 8:30.
So you see then make use of each second here and don't
waste any time. I will explain more in detail in the letter
that I shall write you in the day time tomorrow. Call Mum
and tell her all about this letter. We can hear James to
Tom but don't know what note I shall get tomorrow. I'll
call you as soon as I can. Well, my peak light is getting
dim and I'll have to quit for now. Will add some more
to this when it gets day light early in the morning. I
love you so Cum much and wish you were here to warm
me up. It's so damn cold out here in Feb. Didn't get the knob
as I got but will get it in the next couple of days.

Two morning, August. For what a mile last mile was, after I
quit writing to you it snowed like hell and kept up all mile long.
The ground is covered right now all over about two inches deep.
I nearly froze to death in that damn place. I had in a better
year flying suit and boots. Paul still it was so damn cold.
I also had a blanket and wrapped all up in it. Tried to get some
sleep and caught a few winds. Boy was it cold. I'm still in the
miles camp at present writing this to you. I had the outside in
about now all night, listening in to all the dance bands. Well, it is
6 am and its time for me to go back to the benches. We have
a formation at 7:30 am this morning too. Will finish this up
when I can.

Darling, it is now nine o'clock and the PX was closed
so I'll still have to use this pencil and paper. As you can see
the paper is damn from the snow. It is still snowing outside and
is colder than hell. We have been in the go all morning long
and I haven't had any sleep at all. I'm so damn tired and out
and such. We have another formation at 1:30 about something
I run into Ed last night and he is in the benches next
to mine. Paul and Jimmy are in my benches. So is Dick,
Bob and Red. We sleep with our eyes and flights. It was
some time back down here in plane and a lot of damn fun.
It was colder than hell for we couldn't wear our coats or
could the crew wear their jackets. So we all huddled up
in the unit as best we could. I'll be so damn glad when
we head for the sunny south and summer again. We shall
be around here about four more days. So we shall leave
here about Thursday or Friday. Then we shall go to Florida
for another week or so. Ed, Paul and I are going to Texas
tomorrow and I shall attempt to call you.

If I can't get you tonight, I'll try again in the morning. I will get a call through to you no matter how long it takes. Darling, I love you so damn much and want you more than you know. You are my whole life and the only thing that I want to come back to. My love for you and yours for me, will give me strength and protection back to you. Say a lot of prayers for me and ally that, I really should be sleeping in right now but I want to let you know all about it. You are so damn wonderful and beautiful. Tom was, I won't have much to do and will write you a nice long letter. Well, it is almost time to go to that farm again at 11:30. We have to walk a damn mile to the hanger where we meet. Will finish this when I come back. I'll be thinking of you all the time. We are being checked out and processed and all that stuff. Have to go now.

I just got back from the meeting and it is now 4pm. Boy it has begun to snow again and is now as cold as hell. Boy this is the coldest damn weather that I've ever seen. You would die out here. Cuz we are kept so damn busy that I can't find time to write to you. So please don't be mad at me. I'll write you a nice long letter tonight and in the morning. My hand is so damn cold that I can't grip this pencil with a damn. All I can say is that I love you so damn much and can't wait until I see you again. The first thing I did was put your picture up when we arrived at the tent. I'll be so damn glad to leave this place for it is too damn cold for humans to survive. You have no idea how damn cold it is. My love keeps me warm though.

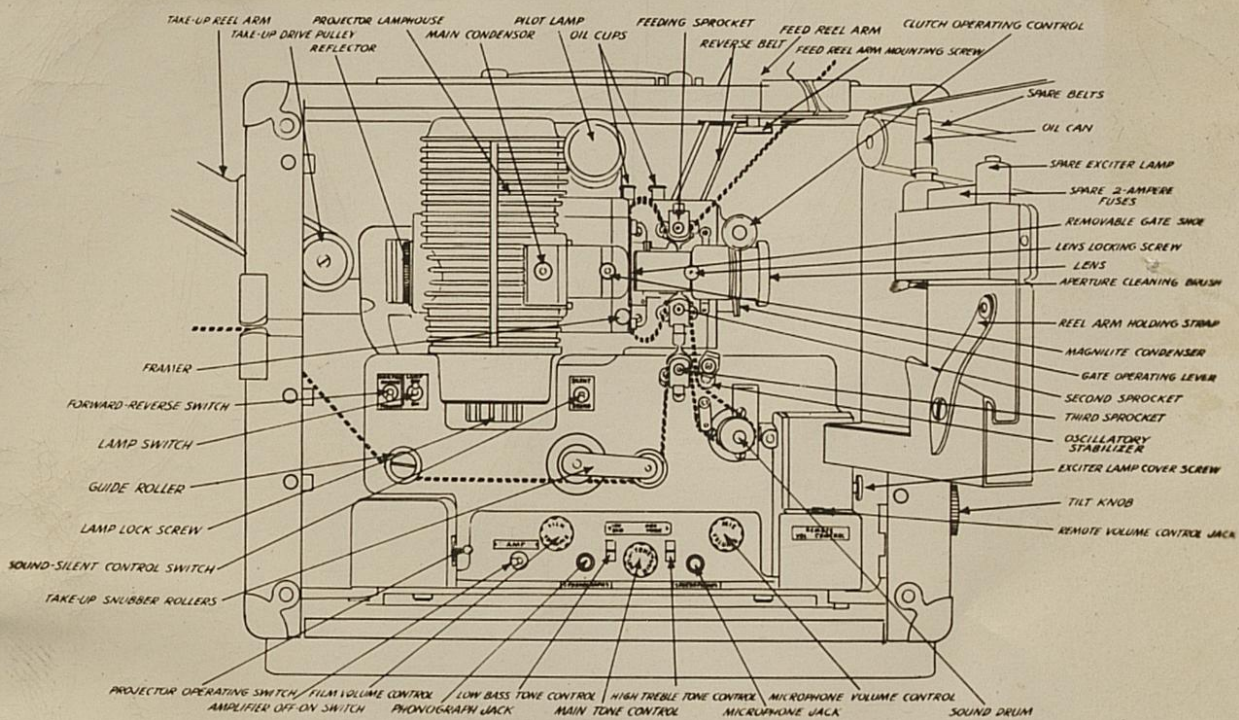
I don't know if you can read this awful damn writing or
 not. I can't help it Angel, for its so damn cold. I don't think
 that I'll go to town to night because of the damn snow, you have
 to be back in by 11:30 pm at the latest. They say the horses are so
 damn crowded and is so damn much trouble. So I don't think it is
 worth while. I shall wait until it warms up. Darling, I want
 to buy you some thing as soon as I can. I'm going to the PX
 when it opens in the morning and see what they have. If I don't
 like what they have, I shall wait until I go in town. I hope
 that I receive some mail from you soon. That book will
 catch up with me here in a day or so. The book it didn't reach
 me at Scribner Base. Darling, I love you so damn much
 and miss you so damn thing awful. Some of the boys have their wives
 here and are going to send for them. I wouldn't want you to come
 here because it is too damn cold and we won't be around
 here very long, I hope. Please don't worry about me or anything
 like that for I shall be fine etc. Call Mom, and tell her all
 about this letter. I will write them tonight or in the morning.
 I wish you were here to keep me warm and to cheer Oscar
 up. He is so damn blue and don't know what to do. He don't
 know what to do about this cold. He can't stand it at all.
 Honey, I miss you so damn much and can't wait until
 I can be with you again. It won't be much longer. The war
 will be over in a short time. I've made up my mind
 to join the cadets in order to come home to you much sooner.
 I miss you more than you know. I think that I shall go
 to town any way for they will want me to full guard duty

again. So I'll mail this to you tonight from town. No
kisses from Angel and Louisy here. I'll be thinking of you,
Louisy here. Tell every one where I am.

~~a kiss from you~~

Your Baldie Husband
Benny

Miss Lavene Mayer ~~to~~
4601 W Jefferson St.
Louisville, Ky

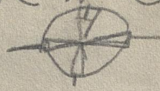


BELL & HOWELL COMPACT "UTILITY" MODEL - FILMOSOUND 16MM.

IF USED FOR PUBLICATION
OFFICIAL PHOTOGRAPH
U. S. ARMY AIR CORPS
Base Photographic Section
ARMY AIR BASE
WENDOVER, UTAH
CREDIT LINE MUST READ

JUN 18 1943

George W. Canary Jr. Pvt. 15113242
701st Bomb Sqd (H)



Two types of films, Nitrate and acetate (safter film)
Photo Electric cell changes varying light intensities to sound vibrations

Sound speed 36 ft per min. Silent 18 ft per min

Silent films has holes (sprocket) on both sides.

Set cam turn on amplifier switch in order that it will light up

Oil cups should have no drop oil every few hours.

Sprocket holes one a month.

← (2nd cam) →

Voltage is altern pressure

746 watts = 1 horse power

35m 8 holes to frame → 