

HISTORIC AMERICAN ENGINEERING RECORD

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THE BOEING COMPANY
7755 East Marginal Way South
Seattle
King County
Washington

HAER WA-189

HAER WA-189-1 through WA-189-61 were taken by Brian Allen. Historic photographs WA-189-62 through WA-189-75 were taken by unidentified photographers.

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| WA-189-1 | Oblique view of front facade looking south from the edge of parking lot. |
| WA-189-2 | Elevation view of left-side front facade of building 2-40. |
| WA-189-3 | Elevation view of center of front facade of building 2-40. |
| WA-189-4 | Elevation view of right side of front facade of building 2-40. |
| WA-189-5 | Elevation view of center of front facade of building 2-40. |
| WA-189-6 | View looking southeast at the of roof of 2-40 and 2-41 from the roof of building 2-25. |
| WA-189-7 | Detail view of building 2-40 roof taken from building 2-25. |
| WA-189-8 | View from underneath the approach to the drawbridge looking at a portion of the northwest facade of building 2-41. |
| WA-189-9 | Building 2-41, southwest elevation at very low tide from South Park Marina. Some boats are resting on their keels. Drawbridge on left. |
| WA-189-10 | View of building 2-41 from near side of draw bridge, next to gate. Includes west corner of building. Taken at very low tide. |
| WA-189-11 | View of building 2-41 from draw bridge, looking east. Camera on far side of bridge, next to gate. |
| WA-189-12 | Detail of southwest facade of building 2-41. |

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- WA-189-13 South corner of building 2-41. Looking north from east end of marina. Noth sawtooth roof on right of photo.
- WA-189-14 Elevation of southeast side, building 2-40 and 2-41, from roof of building 2-81. Building 2-44 is blocking the lower parts of the
- WA-189-15 View of roof line from east of building. Best view of roof from ground level.
- WA-189-16 Detail of building 2-40 roof line, looking northwest from building 2-81 roof.
- WA-189-17 Exterior of east corner of building 2-40, similar to historic photo P5508 (3/1945) "Camouflage front of factory" (for possible Japanese attack). Original was taken from a higher vantage point, and further back. Note Japanese and German cars in the parking lot of the contemporary photo.
- WA-189-18 Front elevation of building 2-41 from across East Marginal Way.
- WA-189-19 Boeing Field context view from Beacon Hill. Photo taken at edge of play field associated with Van Asselt School. Buildings 2-40 and 2-41 are behind open hangars. Open draw bridge is behind
- WA-189-20 Roof view looking along walkway (looking southwest). Six roof segments from back from front is a transition point between early construction and later construction. Originally, the braces attached to a pony wall at the end of the first building.
- WA-189-21 Oblique view of roof from walkway, looking west. Taken from the same spot as field view 18.
- WA-189-22 Oblique view of the roof looking west, from near the front of the building. The camera is on the first saw-tooth roof of left bay.
- WA-189-23 Interior view looking southwest towards back of hangar from near hangar doors between columns B-1 and C-1.
- WA-189-24 Overall view of hangar area, building 2-40 from catwalk on northwest side looking southeast. Crane in upper right foreground. Shot from between columns A-3 and A-4.
- WA-189-25 Interior of building 2-40 matching historic photo P818, looking toward hangar doors from edge of mezzanine.

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- WA-189-26 Interior of building 2-40 similar to historic photo P818 (7/1941) but with perspective correction, looking toward hangar doors from edge of mezzanine.
- WA-189-27 View looking southeast from catwalk on the northwest side of building 2-40. Driveway near back of building on right.
- WA-189-28 Elevation of part of southeast wall. The driveway continues into building 2-44. Part of mezzanine is on right.
- WA-189-29 Interior view, building 2-40 looking northeast from near first view. Scale on column C-10. The mezzanine section is just behind the camera.
- WA-189-30 Interior view of building 2-40 looking north from near column C-11. Scale on column B-9, front hangar doors on right of photo.
- WA-189-31 View looking north from south corner of building 2-40. Note windows in saw-tooth roof facing northeast.
- WA-189-32 Front hangar doors, looking northwest across middle bay. Note counter weights for doors up high on the right and heating unit.
- WA-189-33 Middle hangar, building 2-40. View of the B-17 bomber that is being restored. This airplane was built in this factory.
- WA-189-34 Middle hangar, building 2-40. View of B-17 bomber and B-29 bomber that are being restored. Looking west from hangar door.
- WA-189-35 View of B-17 and hangar door. Looking east. Scale is placed low on the hangar door.
- WA-189-36 Cranes, middle bay, building 2-40. 2x2 scale is attached to wood station hanging from crane. The view of the scale is partially blocked by the column pipes
- WA-189-37 Tunnel A looking northwest, underneath building 2-40, from almost the same position as view 38. Tunnel extends under building 2-31 as well.
- WA-189-38 Tunnel A looking southeast underneath building 2-40. Stairway A6 is on left, tunnel B is on right.

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- WA-189-39 Fire door 308 in wall separating building 2-40 from 2-41. Note slanting rail, counterweight in column at right, and bumper on left.
- WA-189-40 Concrete wall with chimneys, building 2-41-1 near building 2-40. Taken from near column A-17 looking east.
- WA-189-41 Interior building 2-41-1 looking south towards windows facing Duwamish. Camera between columns H-24 and G-24.
- WA-189-42 Interior view building 2-41-1, similar to view 43 but further back, showing almost all of the southwest wall. This section of the building has two stories. Taken from near column F-22.
- WA-189-43 Building 2-41-1 interior, partial elevation southwest wall from between columns N-21 and N-22. This part of building 2-41 has two floors.
- WA-189-44 Building 2-41-1 interior, looking the other way from view 43, southwest wall (and Duwamish) is behind the camera.
- WA-189-45 Building 2-41-2, stairs to men's bathroom over shop floor. This is on the second floor. Looking east from near post M-24. Since the bathroom is above the shop floor, it does not interfere with the organization of the changing production lines.
- WA-189-46 Building 2-41-2 Looking west from near post M-24. Windows face southeast over the Duwamish, skylights face northeast.
- WA-189-47 Building 2-41-1. Enclosed office, entrance to tunnel - stair C-1, and freight elevator to second floor. Looking northeast from near column E-23.
- WA-189-48 Vintage heating unit, building 2-41-1 near column A-25.
- WA-189-49 Fire shutter, paint spraying room. Note the counterweights and pulleys. Camera near column E-4.
- WA-189-50 Building 2-41-2 (second floor). Area converted to offices. Note column J-20 inside closet. Looking southeast.
- WA-189-51 Exterior of building 2-44, looking south, with entrance to complex on right and clerestory windows in the center. Saw-tooth roof of 2-41 is on the distant left. Small gable roofed storage building is 2-51.

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- WA-189-52 Southwest facade of building 2-44 from across the Duwamish waterway. Building 2-41 on the left, building 2-49 on right.
- WA-189-53 Building 2-31, northwest facade, from edge of parking lot looking southeast. Entrance to tunnel A on left - see view 54 for more detail.
- WA-189-54 Building 2-31, detail of northwest facade showing entrance to Tunnel A, which goes under the entire complex to the southeast side of building 2-44.
- WA-189-55 Building 2-31, Tunnel A looking into storeroom A4 with concrete columns with conical caps. Stairs to exit on left. These stairs are also in view 54.
- WA-189-56 Building 2-31 looking northeast - currently used as maintenance shop. Clerestory windows have been painted over.
- WA-189-57 Looking northeast towards front of buildings along driveway separating building 2-40, left, and 2-44, right.
- WA-189-58 Fire door between building 2-44 and 2-40. Looking west from 2
- WA-189-59 Building 2-44, view from mezzanine looking southwest.
- WA-189-60 Building 2-44 clerestory, looking northwest, taken from the middle of the same area as field 56. Note entrance to tunnel (with bathrooms) in right center.
- WA-189-61 Oblique of the front facade of 2-40 at night with open hangar door. Restored B-17 is being towed across parking lot to reach Boeing Field. It will also cross the railroad tracks and West Marginal Way. This is the traditional route to the airfield.
- WA-189-62 Historic photo. Aerial view of first portion of 2-40 looking south. Boeing XB-15 on tarmac. Circa 1936. Boeing ID P45685.
- WA-189-63 Historic photo. Northeast facade of the first portion of 2-40 looking west. These sliding hangar doors were later replaced by overhead doors. Corca 1937? No Boeing ID provided.
- WA-189-64 Historic photo. Aerial view of 2-40 and 2-41, after second phase of construction, looking south. Earliest part of building has slightly darker roof. September 11, 1940. Boeing ID P419

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- WA-189-65 Historic photo. Aerial view of 2-40 and 2-41 with construction completed. Newest section of building has a different roof line. Looking east. March 1941. Boeing ID P649.
- WA-189-66 Historic photo. Aerial context view. Building 2-40 and 2-41 are in the upper center. Looking south. October 8, 1956. Boeing ID 162329.
- WA-189-67 Historic photo. View of southeast facade of buildings 2-40 and 2-41 before construction extended building further to the southeast, looking west. October 14, 1940. Boeing ID P482
- WA-189-68 Historic photo. View of southeast facade of building 2-40 and 2-41 during second phase of construction, looking north. September, 1940. Boeing ID P406
- WA-189-69 Historic photo. View of the southeast facade of building 2-40 under third phase of construction, looking north. February 17, 1941. Boeing ID Austin513
- WA-189-70 Historic photo. View of hangar doors of completed building, northeast facade. July 15, 1941. Boeing ID Austin133.tif
- WA-189-71 Historic photo. View looking west along northeast facade, showing camouflage. March 1945. Boeing ID P5508.
- WA-189-72 Historic photo. Interior of 2-40 looking northeast from northwest end of balcony. July 3, 1941. Boeing ID P406
- WA-189-73 Historic photo. Interior of 2-40 looking north from the southeast end of balcony. Circa 1941. Boeing ID P1082.
- WA-189-74 Historic photo. Interior of 2-40 looking southwest from hangar doors. Final assembly area. Balcony in background, southeast wall on left. December, 1943. Boeing ID P4073.
- WA-189-75 Historic photo. Interior of 2-41-2, balcony level, showing assembly of wing leading edge. Note saw-tooth roof. Looking northwest. Circa 1942. Boeing ID P2115.