

BROWN & WILLIAMSON TOBACCO CORPORATION

DEVELOPMENT CENTER WORK REQUEST

DATE: AUGUST 24, 1987

REQUESTED BY: F. L. WILKE/L. E. GRAVELY

PROJECT NO: INT'L. 1987-25/26

COPIES: J. L. BARNETT, L. RICHARDS (2), PAT DEARING, B. A. BANDY (2),
H. WOERTZ, D. L. SCHOLTEN

PURPOSE: MARKET RESEARCH - SAMPLE PREPARATION

DESCRIPTION: (test outline and/or special instructions):

Please have the Sample Group prepare the following experimental cigarettes for consumer testing:

PACK BOTTOM CODE

# 315 - 465 Cartons	Current KENT KS. Macon tobacco, DC fabrication. White tip. Masked.	I87260	981259 981277
- 465 Cartons	Contemporized Candidate 1A. Macon tobacco, DC fabrication. White tip. Masked.	I87260	981260 278
# 345 - 465 Cartons	Contemporized Candidate XI. Macon tobacco, DC fabrication. White tip. Masked.	I87260	981268 279
# 365 - 465 Cartons	"Home Run" (current KENT blend with partial substitution of EBR with CPCL-9, current KENT casing, modified KENT Flavor I). Macon tobacco, DC fabrication. White tip. Masked.	I87260	981261 280
# 375 - 465 Cartons	"Improved" with modified current flavor (Improved KENT blend, modified KENT casing, KENT type flavor). Macon tobacco, DC fabrication. White tip. Masked.	I87260	981263 281
# 395 - 465 Cartons	"Improved" with either current flavor or XFF-439 (Improved KENT blend, modified KENT casing, modified KENT Flavor II). Macon tobacco, DC fabrication. White tip. Masked.	I87260	981265 282

NOTE: THE ABOVE QUANTITIES REFLECT MARKET RESEARCH NEEDS ONLY.

NOTE: ALL PACKS AND CONTAINERS REQUIRE THE HONG KONG HEALTH WARNING CLAUSE AND TAR GROUP DESIGNATION.

DEVELOPMENT CENTER PROJECT NO.:

SCHEDULED:

COMPLETED:

583118287

These cigarettes should be placed in 84 mm white export labels and in 84 mm white cartons. The appropriate cigarette code number should be on cigarettes, labels and cartons. On the bottom of each pack, the code as indicated on page 1.

NOTE: All packs and containers require the Hong Kong Health Warning Clause and tar group designation.

Finished cigarettes should be stored in the Sample Storage Room. No taxes are to be paid at this time.

(Will Mr. Bandy please destroy any experimental cigarettes with codes as requested on Page 1 on hand in the Factory Sample Office prior to the production of the cigarettes requested in this memo.)

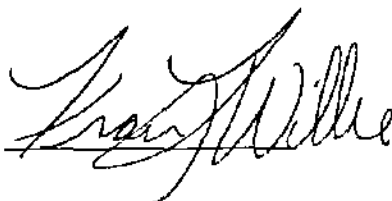
Mr. Bandy will notify Market Research of the production date.

Mr. Bandy will furnish RD&E the cities and carton dates of cigarettes obtained from wholesalers, and the Manufacture data of cigarettes manufactured in the Development Center or factory, to be included in the memo issued by RD&E with cigarette description and analyticals.

Mr. Bandy will ensure delivery to Market Research of one carton of each experimental cigarette.

Standard R&D readings will be taken and results forwarded to Market Research within two weeks of production date.

Expenses incurred in producing these cigarettes should be charged to International Product Development.



/fwbg0832

583118288

BROWN & WELLS TObACCO CORPORATION
 ** DEVELOPMENT CENTER WORK REQUEST **

CC: P. I. Atkins
 P. A. Bearing
 B. FRANK

Requested: 09/14/87 Cigarette Description: KENT KS CONTROL
 Approved by: _____ Requestor #: _____
 Requestor Project #: 05-981 Date Manufactured: _____
 Requestor: B. FRANK Pilot Plant Project #: _____
 Designer: Purpose: KENT KS CONTROL

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Labdata Number:
Current Brand: KENT KS **QUANTITY**
Cigarette Code: 315 Stock Room Quantity: 465 CTNS
Analysis Code: 981277 Distribution Quantity: 18 CTNS
Masked Analysis Code: Market Research Quantity: 1 CTN
End Pack Code: 27200 Other Dept. Name:
Tobacco Code: 315F Other Dept. Quantity:
Blend Designation: NG-0039 Added Shorts: YES
Primary Location (N/DC): N **TIPPING/FILTER**
Fab Location (N/DC): NC Supplier:
Color: WHITE
Length: 26
Perf. Type: RMP4L
Distance From B.I. (mm): 15 (T) (A)
Permeability (c): 450 (T) (A)
Off Line Laser (V/N): Y
Basis Number (g/n2):
Tipping Adhesive:
Robbin Number:
Filter Length: 21
Tip Pressure Drop: 2.63
Ventilation Rate (%): 14.000 (T) (A)
On Line Laser Vent: (T) (A)
# of Lines:
Holes / Inch: 21
Mask Width:
Mask Color:
**CIGARETTE**
Length (mm): 84
Circumference (mm): 24.8 (T) (A)
Maker Speed:
Trim Check:
End Stability (g/cc):
**NON-TOBACCO HEIGHTS**
Avg. Rod Height:
Seam and Paper Height:
Tipping Height:
Height / 100 Cigts.:

**CASING/FLAVORING**
Dried (Y/N): Y
Burley Casing: NGC-826
Flue Cured Casing: NGC-825 NGC-817
Top Dressing: NGC-827 NGC-817
Flavor: NGT-812
Operation:
Rate Case:
Menthol Retention (%):
Menthol Content (%): 12.00
Menthol Loc: Flavor Loc:
**FILTER ROD**
Material: FR-9931
Tow Item: FT-107
Length (mm): 84
Circumference (mm): 24.50
Pressure Drop: 10.50 (T) (A)
Plasticizer: 7X 1/U (T)
Plug Wrap: KC-6582
P.H Porosity (c): 6500
Anchor lines:
**PACKAGING**
Label Type: NONGKONG
Closure: GOLD
Overwrap: FILM
Tear Tape: GOLD
Carton Type: NONGKONG
**CIGARETTE PAPER**
Supplier:
Grade: I-753
Permeability: 44
** Additive (type%): 1.00
  
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Special Instructions:
 ADJUST TIPPING TO ACHIEVE TARGET WENT
 AND "LOW TO MIDDLE" TAR BAND

PACKAGING TO BE PLAIN WHITE WITH NONG KONG MARKING

583118289

BROWN & WILLIAMSON TOBACCO CORPORATION
 ** DEVELOPMENT CENTER WORK REQUEST **

CC: P. E. Atkins
 P. A. Dearing
 D. FRANK

Requested: 09/14/87 Cigarette Description: KENT CONTEMPORIZED 1A
 Approved by: Requestor #: Requestor Project #: 05-981 Date Manufactured:
 Requestor: D. FRANK Pilot Plant Project #: Purpose: CONTEMPORIZED KENT IMPROVEMENT 1A
 Designer:

Labdata Number:
 Current Brand:
 Cigarette Code: 325
 Analysis Code: 981278
 Masked Analysis Code:
 End Pack Code: 27200
 Tobacco Code:
 Blend Designation: MCFL-80E Added Shorts: YES
 Primary Location (N/DC): N
 Fab Location (N/DC): DC

CASING/FLAVORING
 Redried (Y/N): Y
 Burley Casing: XCF1849
 Fine Cured Casing: XCF1848 XCF1851
 Top Dressing: XCF1850
 Flavor: XFF-469
 Operation Number:
 Date Cased:
 Menthol Retention (%):
 Moisture Content (%) 13.00
 Menthol Loc: Flavor Loc:

FILTER ROD
 Material: FR-9931
 Tow Item: FI-107
 Length (mm): 84
 Circumference (mm): 24.50
 Pressure Drop: 10.50 (T) (A)
 Plasticizer: 7% T/U (Y)
 Plug Wrap: KC-65R2
 P.N. Porosity (c): 6500
 Anchor Lines:

PACKAGING
 Label Type: HONGKONG
 Closure: GOLD
 Overwrap: FILM
 Tear Tape: GOLD
 Carton Type: HONGKONG

CIGARETTE PAPER
 Supplier:
 Grade: S-137-1
 Permeability: 32
 Additive (type%): CITRATE 0.80

QUANTITY
 Stock Room Quantity: 465 CTNS
 Distribution Quantity: 18 CTNS
 Market Research Quantity: 1 CTN
 Other Dept. Name:
 Other Dept. Quantity:

TIPPING/FILTER
 Supplier:
 Color: WHITE
 Length: 26
 Perf. Type:
 Distance From R.E. (mm): 15 (T) (A)
 Permeability (c): 800 (T) (A)
 Off Line Laser (Y/N):
 Basis Number (g/n2):
 Tipping Adhesive:
 Bobbin Number:
 Filter Length: 21
 Tip Pressure Drop: 2.63
 Ventilation Rate (%): 20.000 (T) (A)
 On Line Laser Vent: (T) (A)
 # of Lines:
 Holes / Inch:
 Mask Width:
 Mask Color:

CIGARETTE
 Length (mm): 84
 Circumference (mm): 24.8 (T) (A)
 Maker Speed:
 Trim Check:
 End Stability (g/cc):

TOBACCO SECTION
 Length (mm): 63
 Tobacco Weight (mg): 737 (T) (A)
 Density (mg/cc): 237 (T) (A)

NON-TOBACCO WEIGHTS
 Avg. Rod Weight:
 Seem and Paper Weight:
 Tipping Weight:
 Weight / 100 Cigts.:

Special Instructions:
 ADJUST TIPPING TO ACHIEVE TARGET WENT
 AND "LOW TO MIDDLE" TAR BAND.

PACKAGING IS PLAIN WHITE WITH HONG KONG MARKING

583118290

BROWN & WILLIAMSON TOBACCO CORPORATION
 *** DEVELOPMENT CENTER WORK REQUEST ***

CC: P. E. Atkins
 P. A. Dearing
 D. FRANK

Requested: 09/14/87 Cigarette Description: KENT CONTENTPORIZED KI
 Requested by: Requestor #: 05-981
 Requestor Project #: 05-981 Date Manufactured:
 Requestor: D. FRANK Pilot Plant Project #: 05-981
 Designer: Purpose: CONTENTPORIZED KENT IMPROVEMENT KI

Labdata Number:

Current Brand:
 Cigarette Code: 345
 Analysis Code: 981279
 Masked Analysis Code:
 End Pack Code: 27200
 Tobacco Code:
 Blend Designation: NCF1-00F Added Shorts: YES
 Primary Location (N/DC): N
 Fab Location (N/DC): NC

CASING/FLAVORING

Redried (Y/N): Y
 Burley Casing: NCF1856
 Flue Cured Casing: NCF1857 NCF1851
 Top Dressing: NCF1859 NCF1851
 Flavor: NFF-471
 Operation:
 Bate Case:
 Menthol Retention (%):
 Moisture Content (%): 13.00
 Menthol Loc: Flavor Loc:

FILTER ROD

Material:
 Tow Item: FT-107
 Length (mm): 84
 Circumference (mm): 24.50
 Pressure Drop: 12.00 (T) (N)
 Plasticizer: 72 T/U (X)
 Plug Wrap: NC-8582
 P.M. Porosity (%): 6500
 Anchor Lines:

PACKAGING

Label Type: HONGKONG
 Closure: GOLD
 Overwrap: FILM
 Tear Tape: GOLD
 Carton Type: HONGKONG

CIGARETTE PAPER

Supplier:
 Grade: E-356
 Permeability: 25
 Turn Additive (type%): CITRATE 0.55

QUANTITY

Stock Room Quantity: 465 CTNS
 Distribution Quantity: 18 CTNS
 Market Research Quantity: 1 CTNS
 Other Dept. Name:
 Other Dept. Quantity:

TIPPING/FILTER

Supplier:
 Color: WHITE
 Length: 26
 Perf. Type:
 Distance from H.E. (mm): 15 (T) (N)
 Permeability (cc): 1150 (T) (N)
 Off Line Laser (Y/N):
 Basis Number (g/m²):
 Tipping Adhesive:
 Bobbin Number:
 Filter Length: 21
 Tip Pressure Drop: 3.20
 Ventilation Rate (%): 25.000 (T) (N)
 On line Laser Vent: (T) (N)
 # of Lines:
 Holes / Inch:
 Mask Width:
 Mask Color:

CIGARETTE

Length (mm): 84
 Circumference (mm): 24.8 (T) (N)
 Maker Speed:
 Trin Check:
 End Stability (g/cc):

TOBACCO SECTION

Length (mm): 63
 Tobacco Weight (mg): 740 (T) (N)
 Density (mg/cc): 240 (T) (N)

NON-TOBACCO HEIGHTS

Aug. Rod Height:
 Sean and Paper Height:
 Tipping Height:
 Height / 100 Cigts.:

Special Instructions:

ADJUST TIPPING TO ACHIEVE TARGET WENT
 AND "LOW TO MIDDLE" TAR BAND

PACKAGING IS PLAIN WHITE WITH HONG KONG MARKING

583118291

BROWN & WILKINSON TOBACCO CORPORATION
 ** DEVELOPMENT CENTER WORK REQUEST **

CC: P. E. Atkins
 P. A. Dearing
 B. FRANK

Requested: 09/14/87 Cigarette Description: "WOMERUN" KENT IMPROVEMENT
 Approved by: Requestor #: Requestor Project #: 05-981
 Requestor: B. FRANK Date Manufactured:
 Designer: Pilot Plant Project #: Purpose: "WOMERUN" KENT IMPROVEMENT CANDIDATE

Labdata Number:
 Current Brand:
 Cigarette Code: 345
 Analysis Code: 901290
 Masked Analysis Code:
 End Pack Code: 27200
 Tobacco Code:
 Blend Designation: NGFL114F Added Shorts: YES
 Primary Location (N/DC): H
 Tab Location (N/DC): DC

QUANTITY
 Stock Room Quantity: 465 CTNS
 Distribution Quantity: 18 CTNS
 Market Research Quantity: 1 CTN
 Other Dept. Name:
 Other Dept. Quantity:

TIPPING/FILTER
 Supplier:
 Color: WHITE
 Length: 26
 Perf. Type: NRP4L
 Distance From H.E. (mm): 15 (T) (A)
 Permeability (c): 450 (T) (A)
 Off Line Laser (Y/N):
 Basis Number (g/m2):
 Tipping Adhesive:
 Bobbin Number:
 Filter Length: 21
 Tip Pressure Drop: 2.63
 Ventilation Rate (%): 14.000 (T) (A)
 On Line Laser Vent: (T) (A)
 # of Lines:
 Holes / Inch:
 Mask Width:
 Mask Color:

CASING/FLAVORING
 Redried (Y/N): Y
 Burley Casing: NCF1425
 Flue Cured Casing: NCF1697
 Top Dressing: NCF1698
 Flavor: RTT-439
 Operation Number:
 Date Cased:
 Menthol Retention (%):
 Moisture Content (%): 13.00
 Menthol Loc: Flavor Loc:

CIGARETTE
 Length (mm): 84
 Circumference (mm): 24.30
 Pressure Drop: 10.50 (T) (A)
 Plasticizer: 8% TEC/UM (X)
 Plug Wrap: KC-6582
 P.U. Porosity (c): 6500
 Anchor Lines:

CIGARETTE
 Length (mm): 84
 Circumference (mm): 24.8 (T) (A)
 Maker Speed:
 Trim Check:
 End Stability (g/cc):

PACKAGING
 Label Type: HONGKONG
 Closure: GOLD
 Overwrap: FILM
 Tear Tape: GOLD
 Carton Type: HONGKONG

TOBACCO SECTION
 Length (mm): 63
 Tobacco Weight (mg): 742 (T) (A)
 Density (mg/cc): 247 (T) (A)

CIGARETTE PAPER
 Supplier:
 Grade: E-753
 Permeability: 43
 Perm Additive (type%): CITRATE 1.00

NON-TOBACCO HEIGHTS
 Avg. Rod Height:
 Seam and Paper Height:
 Tipping Height:
 Weight / 100 Cigs.:

Special Instructions:
 *7 PARTS TEC/1 PART UNCARP
 PLAIN WHITE LABELS WITH HONG KONG MARKING AND

ADJUST TIPPING TO ACHIEVE TARGET VENT
 "LOW TO MIDDLE" TAR BAND

583118292

BROWN & WILLIAMSON TOBACCO CORPORATION
 ** DEVELOPMENT CENTER WORK REQUEST **

CC: P. I. Atkins
 P. A. Bearing
 B. FRANK

Requested: 09/14/87 Cigarette Description: KENT KS "IMPROVED" WITH MOD. FLAVOR
 Approved by: Requestor Project #: 05-981 Requestor: B. FRANK Date Manufactured: Pilot Plant Project #: Purpose: KENT KS "IMPROVED" WITH "MOD. FLAVOR"
 Designer:

Labdata Number:

Current Brand:
 Cigarette Code: 375
 Analysis Code: 901281
 Masked Analysis Code:
 End Pack Code: 27200
 Tobacco Code: 375F
 Blend Designation: HGLFBOC Added Shorts: YES
 Primary Location (H/DC): H
 Fab Location (H/DC): HC

CASING/FLAVORING

Redried (Y/N): Y
 Burley Casing: XCF1852
 Flue Cured Casing: XCF1863
 Top Dressing: XCF1862
 Flavor: XFF-470
 Operation Number:
 Date Cased:
 Menthol Retention (%):
 Moisture Content (%): 13.00
 Menthol Loc: Flavor Loc: B

FILTER ROD

Material: FR-9931
 Tow Item: FT-107
 Length (mm): 84
 Circumference (mm): 24.50
 Pressure Drop: 11.20 (T) (A)
 Plasticizer: 7% T/U 7.0 (Z)
 Plug Wrap: KC-6582
 P.H. Porosity (c): 6500
 Anchor Lines:

PACKAGING

Label Type: HONGKONG
 Closure: GOLD
 Overwrap: FILM
 Tear Tape: GOLD
 Carton Type: HONGKONG

CIGARETTE PAPER

Supplier:
 Grade: E-753
 Permeability: 44
 Additive (typeX): 1.00

QUANTITY

Stock Room Quantity: 465 CTNS
 Distribution Quantity: 18 CTNS
 Market Research Quantity: 1 CTN
 Other Dept. Name:
 Other Dept. Quantity:

TIPPING/FILTER

Supplier:
 Color: WHITE
 Length: 26
 Perf. Type: HMPAL
 Distance From H.E. (mm): 15 (T) (A)
 Permeability (c): 450 (T) (A)
 Off Line Laser (Y/N):
 Basis Number (g/m²):
 Tipping Adhesive:
 Bobbin Number:
 Filter Length: 21
 Tip Pressure Drop: 2.00
 Ventilation Rate (%): 14.000 (T) (A)
 On Line Laser Vent: (T) (A)
 # of Lines:
 Holes / Inch:
 Mask Width:
 Mask Color:

CIGARETTE

Length (mm): 84
 Circumference (mm): 24.8 (T) (A)
 Maker Speed:
 Trim Check:
 End Stability (g/cc):

TOBACCO SECTION

Length (mm): 63
 Tobacco Weight (mg): 762 (T) (A)
 Density(mg/cc): 247 (T) (A)

NON-TOBACCO HEIGHTS

Aug. Rod Height:
 Seam and Paper Height:
 Tipping Weight:
 Weight / 100 Cigts.:

Special Instructions:

ADJUST TIPPING TO ACHIEVE TARGET WENT.
 TO MIDDLE TAR BAND.

PLAIN WHITE LABELS WITH HONG KONG MARKING AND "LOW

583118293